551.483
Un32wa
1974/75

Water Resources Data for Alabama

Water Year 1975

APR 16 1976

THE LIBRARY OF THE

APR 14 1976

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT AL-75-1

Prepared in cooperation with the Geological Survey of Alabama, the Alabama Highway Department, and with other State, municipal, and Federal Agencies

BIBLIOGRAPHIC DATA SHEET	1. Report No. AL-75-1	2.	3. Recipient's Accession No.
4. Title and Subtitle Water Resources Data for Alabama, Water Year 1975			5. Report Date January 1976 6.
7. Author(s)			8. Performing Organization Rept. No.
9. Performing Organization Name and Address U.S. Geological Survey, Water Resources Division P.O. Box V University, Alabama 35486			10. Project/Task/Work Unit No. 11. Contract/Grant No.
12. Sponsoring Organization Name and Address U.S. Geological Survey, Water Resources Division P.O. Box V University, Alabama 35486			13. Type of Report & Period Covered Annual-October 1, 1974 to September 30, 1975 14.

15. Supplementary Notes
Prepared in cooperation with the Geological Survey of Alabama, the Alabama Highway Department, and with other State, municipal, and Federal agencies.

16. Abstracts

Water-resources data for the 1975 water year for Alabama consist of records of stage, discharge, and water quality of streams; stage, contents and water quality of lakes and reservoirs; and water levels in wells. Additional water data were collected at various sites, not part of the systematic data collection program and are published as miscellaneous measurements. The data in the report represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Alabama.

17. Key Words and Document Analysis. 17a. Descriptors
*Hydrologic data, *Surface water, *Ground water, *Water quality, Flow rate, Gaging stations, Lakes, Reservoirs, Chemical analyses, Water temperature, Sampling sites, Water levels, Water analyses.

17b. Identifiers/Open-Ended Terms
Alabama.

17c. COSATI Field/Group

18. Availability Statement	19. Security Class (This Report)	21. No. of Pages
No restriction on distribution. This report may be purchased from: National Technical Information Service Springfield, VA 22151	UNCLASSIFIED	394
	20. Security Class (This Page) UNCLASSIFIED	22. Price

Water Resources Data for Alabama

Water Year 1975

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT AL-75-1

Prepared in cooperation with the Geological Survey of Alabama, the Alabama Highway Department, and with other State, municipal, and Federal Agencies

UNITED STATES DEPARTMENT OF THE INTERIOR

THOMAS S. KLEPPE, Secretary

GEOLOGICAL SURVEY

V. E. McKELVEY, Director

Prepared in cooperation with

Geological Survey of Alabama
Alabama Highway Department
City of Mobile
Corps of Engineers, U.S. Army
Tennessee Valley Authority

Copies of this report may be obtained from
Alabama District, Water Resources Division
U.S. Geological Survey
Post Office Box V
University, Alabama 35486

1975

PREFACE

This report was prepared by the U.S. Geological Survey in cooperation with the State of Alabama and with other agencies, by personnel of the Alabama District of the Water Resources Division under the supervision of W. J. Powell, District Chief, and L. B. Laird, Regional Hydrologist, Southeastern Region.

This report is one of a series issued State by State under the general direction of J. S. Cragwall, Jr., Chief Hydrologist, and G. W. Whetstone, Assistant Chief Hydrologist for Scientific Publications and Data Management.

CONTENTS

	Page
Preface	III
List of surface-water stations, in downstream order, for which records are published	VII
List of water-quality stations, in downstream order, for which records are published	XI
List of ground-water wells, by county, for which records are published	XIV
Introduction	1
Cooperation	2
Definition of terms	3
Special networks and programs	9
Downstream order and station numbers	11
Numbering system for wells and miscellaneous sites	12
Explanation of surface-water data	12
Collection and computation of data	12
Accuracy of data	17
Publications	17
Other data available	18
Records collected by agencies other than the Geological Survey	18
Explanation of water-quality records	18
Collection and examination of data	18
Solutes	19
Temperature	20
Sediment	21
Publications	21
Records collected by agencies other than the Geological Survey	22
Explanation of ground-water records	23
Collection and reporting of data	23
Accuracy of data	23
Publications	24
Other data available	24
Records collected by agencies other than the Geological Survey	24
Hydrologic conditions	24
Selected references	29
Surface-water records	35
Gaging station records	36
Discharge at partial-record stations and miscellaneous sites	195
Low-flow partial-record stations	195
Flood hydrograph partial-record stations	197
Crest-stage partial-record stations	221
Discharge measurements at miscellaneous sites	224

Page

Water-quality records..... 231
  Water-quality station records..... 232
  Analyses of samples collected at water-quality partial-record stations..... 328
  Analyses of samples collected at miscellaneous sites..... 331
Ground-water records..... 355
  Observation well records..... 356
Index..... 373

ILLUSTRATIONS

Figure 1. Map of Alabama showing location of gaging stations..... X
2. Map of Alabama showing location of water-quality stations..... XIII
3. Map of Alabama showing physiographic regions and location of observation wells..... XVI
4. System for numbering wells and miscellaneous sites (latitude and longitude)..... 12
5. Comparison of discharge of two long-term representative gaging stations during 1975 water year with median discharge for water years 1941-70..... 27
6. Monthly low water levels during water year 1975 compared with highest and lowest monthly low water levels for period 1952-74 for two observation wells..... 28
7. Map of Alabama showing location of partial-record stations..... 194

TABLES

Table 1. Factors for conversion of chemical constituents in milligrams or micrograms per litre to milliequivalents per litre..... 7
2. Degrees Celsius (° C) to degrees Fahrenheit (° F) 21
3. Factors for converting English units to International System (SI) units..... 33

EASTERN GULF OF MEXICO BASINS

Number	APALACHICOLA RIVER BASIN	Page
02339500	Chattahoochee River (head of Apalachicola River) at West Point, Ga	36
3415	Chattahoochee River at Columbus, Ga	37
3425	Uchee Creek near Fort Mitchell	38
342933	South Fork Cowikee Creek near Batesville	39
3433	Abbie Creek near Haleburg	40
	CHOCTAWHATCHEE RIVER BASIN	
3610	Choctawhatchee River near Newton	41
3620	Choctawhatchee River near Geneva	44
	Pea River:	
3640	Pea River at Elba	47
	Flat Creek:	
364570	Panther Creek near Hacoda	50
	BLACKWATER RIVER BASIN	
3698	Blackwater River near Bradley	51
	ESCAMBIA RIVER BASIN	
	Conecuh River (head of Escambia River):	
3712	Indian Creek near Troy	52
3715	Conecuh River at Brantley	53
372250	Patsaliga Creek near Brantley	54
372430	Conecuh River at River Falls	55
3730	Sepulga River near McKenzie	58
374250	Conecuh River at Brewton	59
3745	Murder Creek near Evergreen	62
374660	Murder Creek at Kirkland	63
3755	Escambia River near Century, Fla	64
	PERDIDO RIVER BASIN	
3765	Perdido River at Barrineau Park, Fla	65
	MOBILE RIVER BASIN	
3970	Coosa River (head of Alabama River) near Rome, Ga	66
3980	Chattooga River at Summerville, Ga	67
3992	Little River near Blue Pond	68
4005	Coosa River at Gadsden	69
401390	Big Canoe Creek at Ashville	72
	Choccolocco Creek:	
4035	Coldwater Spring near Anniston	73
4070	Coosa River at Childersburg	74
4085	Hatchet Creek near Rockford	79
	Sofkahatchee Creek:	
4100	Paterson Creek near Central	80
4110	Coosa River at Jordan Dam, near Wetumpka	81
4116	Coosa River at Wetumpka	82
4120	Tallapoosa River near Heflin	85
4145	Tallapoosa River at Wadley	86
4185	Tallapoosa River below Tallassee	89
4190	Uphapee Creek near Tuskegee	90
4195	Tallapoosa River at Milstead	91

VIII LIST OF SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED

Number	MOBILE RIVER BASIN--Continued	Page
	Coosa River--Continued	
02419890	Tallapoosa River near Montgomery	93
	Alabama River (continuation of Coosa River):	
419988	Alabama River at Montgomery	95
4200	Alabama River near Montgomery	98
4210	Catoma Creek near Montgomery	102
421351	Alabama River at Jones Bluff lock and dam near Benton	103
4225	Mulberry Creek at Jones	106
4230	Alabama River at Selma	107
423630	Shades Creek near Greenwood	110
4240	Cahaba River at Centreville	111
4250	Cahaba River near Marion Junction	114
4255	Cedar Creek at Minter	117
427506	Alabama River at Millers Ferry lock and dam, near Camden	118
	Beaver Creek:	
4277	Turkey Creek at Kimbrough	121
428401	Alabama River at Claiborne lock and dam, near Monroeville	122
4295	Alabama River at Claiborne	125
429595	Little River near Uriah	126
	Tombigbee River:	
4415	Tombigbee River at Columbus, Miss	127
4430	Luxapallila Creek at Steens, Miss	128
4440	Coal Fire Creek near Pickensville	129
4445	Tombigbee River near Cochrane	130
4485	Noxubee River near Geiger	131
4490	Tombigbee River at Gainesville	132
	Mulberry Fork:	
4500	Mulberry Fork (head of Black Warrior River) near Garden City	135
450250	Sipsey Fork near Grayson	136
4535	Mulberry Fork near Cordova	137
4550	Locust Fork near Cleveland	140
4560	Turkey Creek at Morris	141
4565	Locust Fork at Sayre	142
4570	Fivemile Creek at Ketona	143
4605	Village Creek near Adamsville	144
	Black Warrior River:	
462501	Black Warrior River at Bankhead lock and dam, near Bessemer	147
462952	Black Warrior River at Holt lock and dam, near Holt	150
4640	North River near Samantha	153
4650	Black Warrior River at Northport	154
465005	Black Warrior River at Oliver lock and dam, at Tuscaloosa	155

Number	MOBILE RIVER BASIN--Continued	Page
	Alabama River--Continued	
	Tombigbee River--Continued	
02466040	Black Warrior River at Warrior lock near Sawyerville	158
4670	Tombigbee River at Demopolis lock and dam near Coatopa	161
467001	Tombigbee River below Demopolis lock and dam near Coatopa	162
4675	Sucarnoochee River at Livingston	165
4685	Chickasaw Bogue near Linden	166
469761	Tombigbee River at Coffeeville lock and dam near Coffeeville	167
469762	Tombigbee River below Coffeeville lock and dam near Coffeeville	168
4698	Satilpa Creek near Coffeeville	171
471001	Chickasaw Creek near Kushla	172
	Reservoirs in Mobile River basin	173
	DOG RIVER BASIN	
471065	Montlimar Creek at U.S. Highway 90 at Mobile	176
	PASCAGOULA RIVER BASIN	
	Pascagoula River:	
479560	Escatawpa River near Agricola, Miss	177
	MISSISSIPPI RIVER BASIN	
	Mississippi River:	
	OHIO RIVER BASIN	
	Ohio River:	
	TENNESSEE RIVER BASIN	
	Tennessee River:	
03571850	Tennessee River at South Pittsburg, Tenn	178
5729	Town Creek near Geraldine	179
5745	Paint Rock River near Woodville	180
5750	Flint River near Chase	181
5755	Tennessee River at Whitesburg	182
576148	Cotaco Creek at Florette	183
5845	Elk River near Prospect, Tenn	184
5865	Big Nance Creek at Courtland	185
5885	Shoal Creek at Iron City, Tenn	186
5895	Tennessee River at Florence	187
5918	Bear Creek near Hackleburg	188
5920	Bear Creek near Red Bay	189
5922	Cedar Creek near Pleasant Site	190
5923	Little Bear Creek near Halltown	191
5925	Bear Creek at Bishop	192
	Reservoirs in Tennessee River basins in Alabama	193

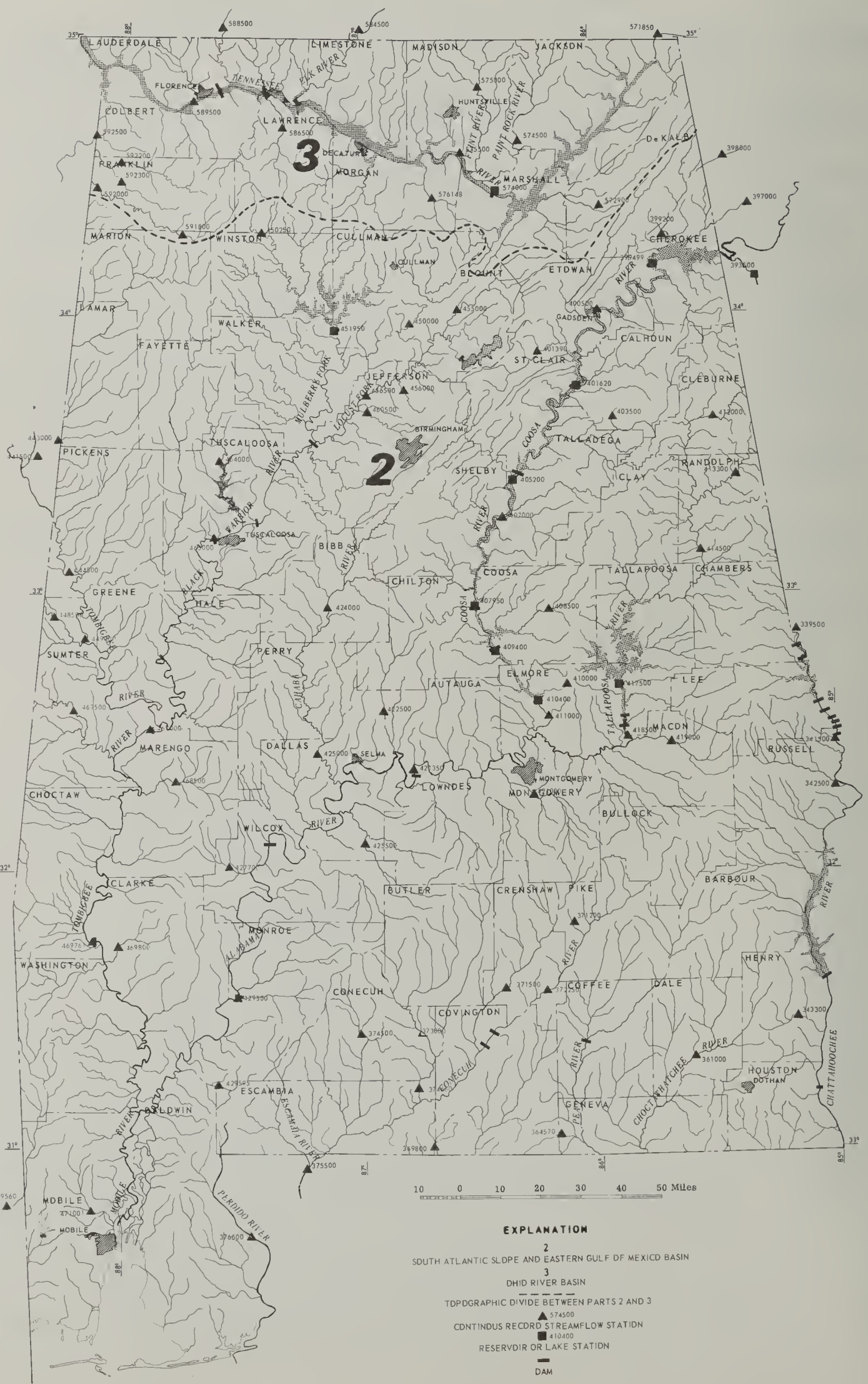

Figure 1.--Map of Alabama showing location of gaging stations.

LIST OF WATER-QUALITY STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED

(Letters after station name designate type of data: (b) biological, (c) chemical, (m) microbiological, (t) water temperature, and (s) sediment)

EASTERN GULF OF MEXICO BASINS

Number		Page
	APALACHICOLA RIVER BASIN	
	CHOCTAWHATCHEE RIVER BASIN	
02361000	Choctawhatchee River near Newton (ct)	232
3630	Pea River near Ariton (c)	235
	ESCAMBIA RIVER BASIN	
	Conecuh River (head of Escambia River):	
3712	Indian Creek near Troy (t)	236
3715	Conecuh River at Brantley (ct)	238
3745	Murder Creek near Evergreen (c)	241
	PERDIDO RIVER BASIN	
3765	Perdido River at Barrineau Park, Fla. (c)	243
	MOBILE RIVER BASIN	
4005	Coosa River (head of Mobile River) at Gadsden (t)	246
4010	Big Wills Creek near Crudup (c)	248
401390	Big Canoe Creek at Ashville (c)	249
4070	Coosa River at Childersburg (ct)	251
4085	Hatchet Creek near Rockford (c)	254
409502	Coosa River near Verbena (ct)	255
4110	Coosa River at Jordan Dam near Wetumpka (c)	261
4185	Tallapoosa River below Tallassee (c)	262
4190	Uphapee Creek near Tuskegee (c)	264
4200	Alabama River (continuation of Coosa River) near Montgomery (bcmts)	265
4210	Catoma Creek near Montgomery (c)	270
4220	Big Swamp Creek near Lowndesboro (c)	271
4230	Alabama River at Selma (t)	272
	Cahaba River:	
423630	Shades Creek near Greenwood (ct)	273
4240	Cahaba River at Centreville (c)	276
	Beaver Creek:	
4277	Turkey Creek at Kimbrough (c)	277
4295	Alabama River at Claiborne (bcmts)	279
4445	Tombigbee River near Cochrane (cmt)	285
4490	Tombigbee River at Gainesville (bcmts)	289
4500	Mulberry Fork near Garden City (c)	295
450250	Sipsey Fork near Grayson (cms)	296
4565	Locust Fork at Sayre (c)	298
4620	Valley Creek near Oak Grove (c)	299
4640	North River near Samantha (cs)	300
4650	Black Warrior River at Northport (ct)	302
467001	Tombigbee River below Demopolis lock and dam, near Coatopa (cmt)	305
4675	Sucarnoochee River at Livingston (c)	306
4685	Chickasaw Bogue near Linden (c)	307
469762	Tombigbee River below Coffeeville lock and dam near Coffeeville (bcmts)	308

Number	MOBILE RIVER BASIN--Continued	Page
	Mobile River:	
02471001	Chickasaw Creek near Kushla (c)	313
	PASCAGOULA RIVER BASIN	
479560	Escatawpa River near Agricola, Miss. (c)	315
	MISSISSIPPI RIVER BASIN	
	Mississippi River:	
	OHIO RIVER BASIN	
	Ohio River:	
	TENNESSEE RIVER BASIN	
	Tennessee River:	
03575000	Flint River near Chase (ct)	317
575040	Flint River near Mount Carmel (c)	320
575696	Aldridge Creek near Lily Flagg (c)	321
	Indian Creek:	
575960	Huntsville Spring Branch at Martin Road near Huntsville (c)	322
577150	Tennessee River at Decatur (t)	323
5895	Tennessee River at Florence (c)	325
5925	Bear Creek at Bishop (t)	326
	Analyses of samples collected at water-quality partial-record stations (c)	328
	Analyses of samples collected at miscellaneous sites (c)	331

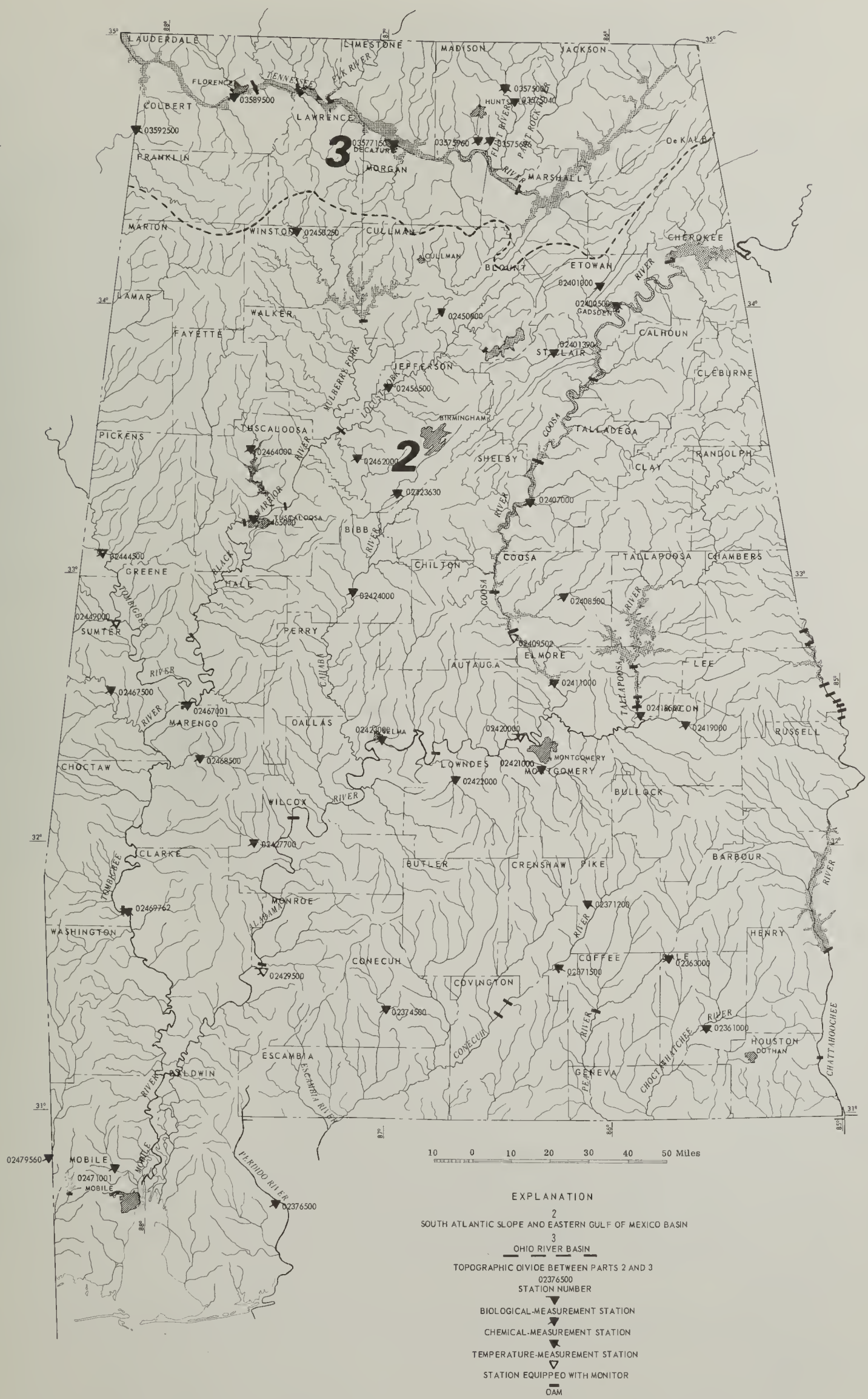

Figure 2.--Map of Alabama showing location of water-quality stations.

LIST OF GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

Page

BALDWIN COUNTY
Well 302435087414001 (Bal-1)..... 356
BIBB COUNTY
Well 325622087075501 (Bib-1)..... 356
BULLOCK COUNTY
Well 320846085411001 (Bul-1)..... 356
BUTLER COUNTY
Well 314440086273801 (But-2)..... 357
Well 314355086440501 (But-3)..... 357
Well 315700086315001 (But-4)..... 357
CALHOUN COUNTY
Well 334218085491701 (Cal-1)..... 358
CLARKE COUNTY
Well 313040087531001 (Cla-1)..... 358
COLBERT COUNTY
Well 344622087375201 (Col-1)..... 358
CULLMAN COUNTY
Well 341031086504301 (Cul-1)..... 359
DALLAS COUNTY
Well 322310086594501 (Dls-3)..... 359
ELMORE COUNTY
Well 323757086013901 (Elm-1)..... 359
FRANKLIN COUNTY
Well 343131087442801 (Fra-1)..... 360
GREENE COUNTY
Well 325005087532001 (Gre-3)..... 360
HALE COUNTY
Well 324205087352801 (Hal-1)..... 360
JACKSON COUNTY
Well 344003086012102 (Jac-2)..... 361
JEFFERSON COUNTY
Well 332605086523001 (Jef-1)..... 361
LAUDERDALE COUNTY
Well 345034087552201 (Lau-1)..... 361
LAWRENCE COUNTY
Well 342901087170401 (Law-1)..... 362
Well 344004087205101 (Law-2)..... 362
LIMESTONE COUNTY
Well 344819086581601 (Lim-4)..... 362
MADISON COUNTY
Well 344402086343901 (Mad-1)..... 363
Well 344127086350401 (Mad-2)..... 363
Well 344457086363701 (Mad-4)..... 363
Well 343540086344801 (Mad-5)..... 364
Well 344445086345301 (Mad-7)..... 364
MARENGO COUNTY
Well 323055087504101 (Mag-1)..... 364
Well 321520087373001 (Mag-2)..... 365
MARION COUNTY
Well 335803087551301 (Mar-1)..... 365

Page

MARSHALL COUNTY
Well 342455086160201 (Mal-1) 365
Well 342022086183401 (Mal-2) 366
Well 341837086294301 (Mal-4) 366
MOBILE COUNTY
Well 305743088010301 (Mob-1) 366
MONROE COUNTY
Well 313120087202501 (Mon-3) 367
MONTGOMERY COUNTY
Well 322121086232701 (Mtg-2) 367
Well 322047086214301 (Mtg-3) 367
Well 322040086232501 (Mtg-4) 368
Well 322455086140501 (Mtg-5) 368
MORGAN COUNTY
Well 343604086574201 (Mor-3) 368
Well 343425086550001 (Mor-4) 369
PICKENS COUNTY
Well 332136088010701 (Pic-5) 369
ST. CLAIR COUNTY
Well 333525086163701 (Stc-1) 369
TALLADEGA COUNTY
Well 331021086150501 (Tal-2) 370
TUSCALOOSA COUNTY
Well 331239087323601 (Tus-1) 370
Well 331045087342501 (Tus-4) 370
Well 331340087381601 (Tus-5) 371
WILCOX COUNTY
Well 315513087264501 (Wil-2) 371

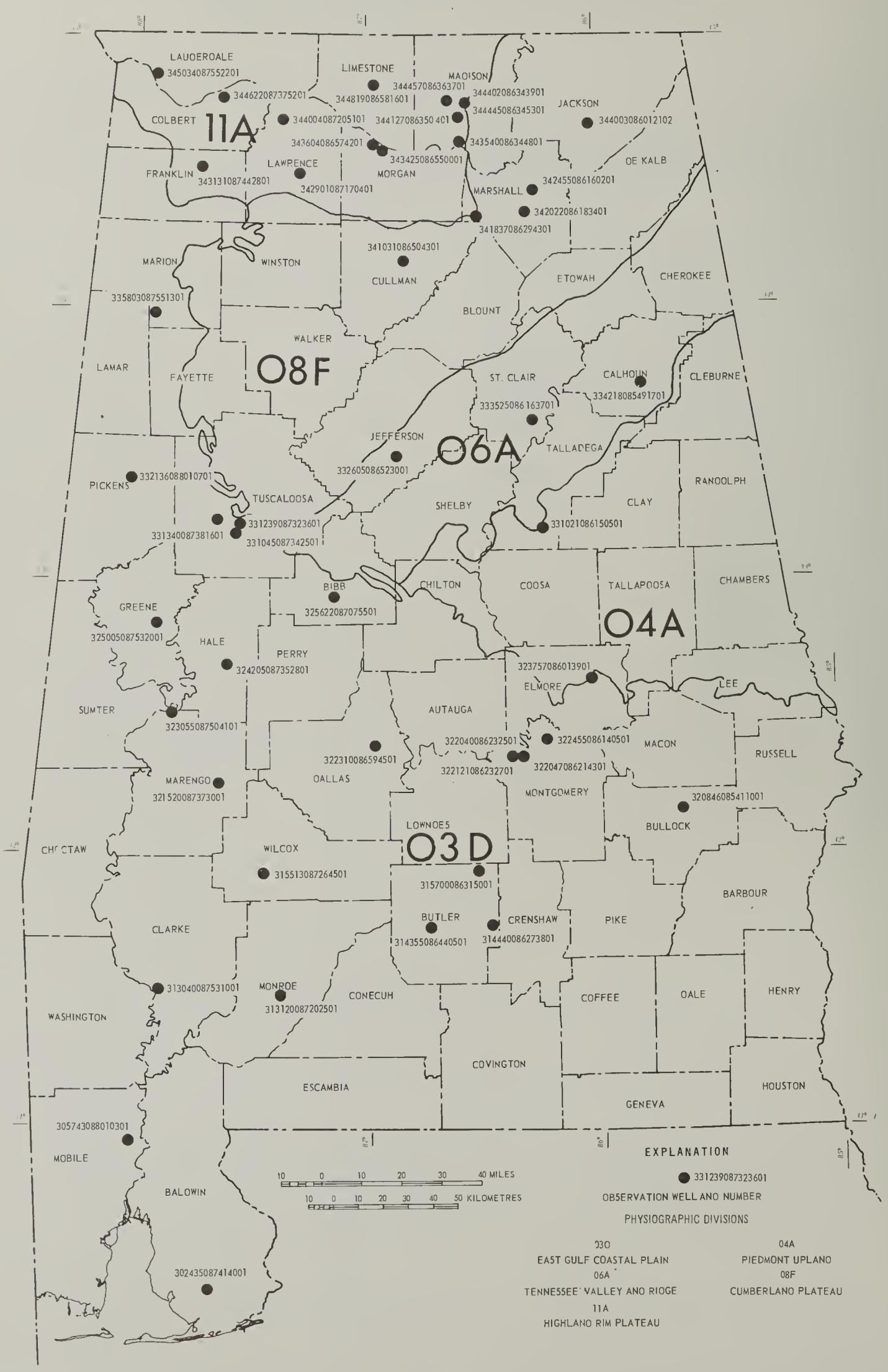

Figure 3.--Map of Alabama showing physiographic regions and location of observation wells.

WATER RESOURCES DATA FOR ALABAMA, 1975

SURFACE-WATER RECORDS
WATER-QUALITY RECORDS
GROUND-WATER RECORDS

INTRODUCTION

Water resources data for the 1975 water year for Alabama--including records of streamflow, stage, or reservoir storage at surface-water stations; records of the chemical, physical, and biological characteristics of surface water at water-quality stations, and records of ground-water levels at observation wells--are published in this report. Surface-water records consist of data from daily-discharge gaging stations, stage only stations, reservoir or lake stations, low-flow partial-record stations, flood-hydrograph partial-record stations, crest-stage partial-record stations, and miscellaneous sites. Locations of gaging stations are shown on figure 1, and locations of partial-record stations are shown on figure 7. Water-quality records consist of data collected from designated sampling sites at predetermined intervals, such as once monthly or less frequently, and at some sites data were recorded on punched paper tape at 60-minute intervals. Records are included for continuous-record stations, partial-record stations, and miscellaneous sites. Locations of water-quality stations are shown on figure 2. Ground-water records consist of water levels measured in selected wells equipped with a recording device that either traced a continuous graph of the water-level fluctuations or punched digital values of water level on paper tape at 60-minute intervals. Locations of the wells are shown on figure 3. Surface-water records for a few pertinent stations in bordering states are also included in this report. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Alabama.

Through September 30, 1960, the records of discharge and stage of streams and contents and stage of lakes or reservoirs were published in an annual series of the U.S. Geological Survey water-supply papers entitled "Surface Water Supply of the United States." Since 1951 there have been 20 volumes in the series; each volume covered an area whose boundaries coincided with those of certain natural drainage areas. The records in Alabama are contained in Parts 2 and 3 of that series. In this report Part 2 is the Eastern Gulf of Mexico Basins and Part 3 is the Tennessee River Basin.

Beginning with the 1961 water year, streamflow records and related data have been released by the Geological Survey in annual reports on a State-boundary basis. Distribution of these reports is limited; they are designed primarily for interim records for 1961-65 are published in the Geological Survey water-supply paper series entitled, "Surface Water Supply of the United States, 1961-65," and those for 1966-70 are published in a similar series.

Records of chemical quality, water temperature, and sediment have been published since 1941 in an annual series of U.S. Geolocical Survey water-supply papers entitled "Quality of Surface Waters of the United States." Beginning with the 1964 water year, water-quality records have been released by the Geological Survey in annual reports on a State-boundary basis. These annual reports are for limited distribution and are designed primarily for rapid release of data shortly after the end of the water year.

Publication of ground-water level data for the United States in water-supply papers was begun by the U.S. Geological Survey in 1935. From 1935 through 1939 an annual water-supply paper was published for the entire nation. Since 1940, water-supply papers have been published covering six separate sections of the United States. Water-level data for Alabama are included in the publication for the southeastern states.

Prior to 1956 these data were published annually. Data for the 1956-58 period were consolidated and published in one Water-Supply Paper. Beginning in 1959, the data were published once every 5 years in a series, which is complete through 1973. These records were on a calendar year basis. Thus, it was necessary to include all data collected since 1973 in this report and to adapt these data to a water-year format. Records for October, November and December 1973 have been published in WSP 2171 and are not repeated in this report, but records for January through September of the 1974 water year are included.

More information about publication of water-resources data is given under the heading "Publications" on pages 17, 21, and 24.

COOPERATION

The U.S. Geological Survey and organizations of the State of Alabama have had cooperative agreements for the systematic collection of streamflow records since 1900.

Cooperative agreements between the U.S. Geological Survey and the Geological Survey of Alabama for collection of streamflow records have been continuous since 1935. There have been cooperative agreements for the collection of ground-water level

records since 1940, and for the collection of water-quality records since 1962. Organizations that assisted in collecting data for this report through cooperative agreements with the Survey are:

Geological Survey of Alabama, P. E. LaMoreaux, State Geologist
Alabama Highway Department, Ray D. Bass, Director

Commission of Jefferson County, H. A. Snow, Public Works Director
City of Mobile, Gary Greenough, Mayor

The Corps of Engineers, U.S. Army gave assistance in the form of funds or services in operating 18 discharge stations and 20 stage stations and in publishing stage records for 8 stations which the National Weather Service operated. These stage records appear in this report for the period 1972-75.

Under a cooperative agreement covering the Tennessee River basin, the Tennessee Valley Authority furnished financial assistance for operation of 9 gaging stations and furnished records of daily maximum and minimum water temperature for 3 stations.

The Alabama Power Company (Federal Power Commission licensee) aided in collecting records.

DEFINITION OF TERMS

Terms related to streamflow, water quality, and other hydrologic data, as used in this report, are defined below. See also table for converting English units to International System of units (SI) on page

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic metres.

Aquifer is a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Bacteria are microscopic unicellular organisms, typically spherical, rod-like, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, others perform an essential role in nature in the recycling of materials; for example, by decomposing organic matter into a form available for reuse by plants.

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution.

They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria which ferment lactose with gas formation within 48 hours at 35° C. In the laboratory these bacteria are defined as all the organisms which produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35° C ± 1.0° C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

Fecal coliform bacteria are bacteria that are present in the intestine or feces of warmblooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory they are defined as all organisms which produce blue colonies within 24 hours when incubated at 44.5° C ± 0.2° C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

Fecal streptococcal bacteria are bacteria found also in the intestine of warmblooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms which produce red or pink colonies within 48 hours at 35° C ± 1.0° C on M-enterrococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per litre, used for the decomposition of organic matter by microorganisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as the weight per unit area or volume of habitat.

Ash weight is the weight or amount of residue present after the residue from the dry weight determination has been ashed in a muffle furnace at a temperature of 500° C for 1 hour. The ash weight values of zooplankton and phytoplankton are expressed in g/m^3 (grams per cubic metre), and periphyton and benthic organisms in g/m^2 (grams per square metre).

Dry weight refers to the weight of residue present after drying in an oven at 60° C for zooplankton and 105° C for periphyton, until the weight remains unchanged. This weight represents the total organic matter, ash and sediment, in the sample. Dry weight values are expressed in the same units as ash weight.

Cfs-day is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, approximately 1.9835 acre-feet, or about 646,000 gallons or 2,445 cubic metres. It represents a runoff of approximately 0.0372 inch from 1 square mile or 0.3468 millimetre from 1 square kilometre.

Chemical oxygen demand (COD) indicates the quantity of oxidizable compounds in water and varies with water composition(s), temperature, period of contact, and other factors.

Chlorophyll refers to the green pigments of plants. Chlorophyll a and b are the two most common green pigments in plants.

Contents is the volume of water in a reservoir, lake, stream or aquifer. Contents herein is that of a reservoir or lake and unless otherwise indicated, is computed on the basis of a level pool and does not include bank storage.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Cubic feet per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Cubic foot per second (CFS, cfs) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic metres per second.

Discharge is the volume of water (or more broadly, total fluids), that passes a given point within a given period of time.

Mean discharge is the arithmetic average of individial daily mean discharges during a specific period.

Instantaneous discharge is the discharge at a given time.

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise noted.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of gage height or discharge are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate ($CaCO_3$).

Land surface datum (lsd) is a precise datum plane that is approximately at land surface at each ground-water observation well.

Measuring point (MP) is a permanent point from which the distance to the water surface is measured to obtain the water level.

Micrograms per litre (UG/L, µg/l) is a unit expressing the concentration of chemical constituents in solution as the weight (micrograms) of solute per unit volume (litre) of water. One thousand micrograms per litre is equivalent to one milligram per litre.

Milligrams per litre (MG/L, mg/l) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per litre represents the weight of solute per unit volume of water. Milligrams or micrograms per litre may be converted to milliequivalents (one thousandth of a gram-equivalent weight of a constituent) per litre by multiplying by the factors in table 1, page 7. Concentration of suspended sediment also is expressed in mg/l, and is based on the weight of sediment per litre of water-sediment mixture.

Observation well is a well tapping a representative aquifer for a selected area for the purpose of obtaining records of water-level fluctuations and(or) ground-water quality changes.

Organism is any living entity, such as an insect, phytoplankton, or zooplankton.

Cells/volume refers to the number of cells of any organism which is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample volume, usually millilitres (ml) or litres (l).

Partial-record station is a particular site where limited streamflow or water-quality data are collected systematically over a period of years for use in hydrologic analyses.

Particle size is the diameter, in millimetres (mm), of suspended sediment or bed material determined by either sieve or sedimentation methods. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification used in this report agrees with recommendations made by the American Geophysical Union Subcommittee on Sediment Terminology. The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay.....	0.00024 - 0.004	Sedimentation.
Silt.....	.004 - .062	Sedimentation.
Sand.....	.062 - 2.0	Sedimentation or sieve.
Gravel.....	2.0 - 64.0	Sieve.

The particle-size distribution given in this report is not necessarily representative of all particles in transport in the stream. Most of the organic material is removed and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native-water analysis.

Table 1.--Factors for conversion of chemical constituents in milligrams or micrograms per litre to milliequivalents per litre

Ion	Multiply by	Ion	Multiply by
Aluminum (Al^{+3})*.....	0.11119	Iodide (I^{-1})	0.00788
Ammonia as NH_4^{+1}.....	.05544	Iron (Fe^{+3})*	.05372
Barium (Ba^{+2})	.01456	Lead (Pb^{+2})*	.00965
Bicarbonate (HCO_3^{-1})	.01639	Lithium (Li^{+1})*	.14411
Bromide (Br^{-1})	.01251	Magnesium (Mg^{+2})	.08226
Calcium (Ca^{+2})	.04990	Manganese (Mn^{+2})*	.03640
Carbonate (CO_3^{-2})	.03333	Nickel (Ni^{+2})*	.03406
Chloride (Cl^{-1}).....	.02821	Nitrate (NO_3^{-1}).....	.01613
Chromium (Cr^{+6})*.....	.11539	Nitrite (NO_2^{-1})	.02174
Cobalt (Co^{+2})*.....	.03394	Phosphate (PO_4^{-3}).....	.03159
Copper (Cu^{+2})*.....	.03148	Potassium (K^{+1}).....	.02557
Cyanide (CN^{-1}).....	.03844	Sodium (Na^{+1}).....	.04350
Fluoride (F^{-1}).....	.05264	Strontium (Sr^{+2})*	.02283
Hydrogen (H^{+1}).....	.99209	Sulfate (SO_4^{-2})	.02082
Hydroxide (OH^{-1}).....	.05880	Zinc (Zn^{+2})*.....	.03060

* Constituent reported in micrograms per litre; multiply by factor and divide results by 1,000.

Percent composition is a unit for expressing the ratio of a particular part of a sample or population to the total sample or population, in terms of types, numbers, weight, or volume.

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers.

Phytoplankton is the plant part of the plankton. They are usually microscopic and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are the primary food producers in the aquatic environment, and are commonly known as algae.

Runoff in inches (IN, in) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it includes chemical and biochemical precipitates and decomposed organic material such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Suspended sediment is the sediment that at any given time is maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid.

Suspended-sediment discharge is the rate at which dry weight of sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight, or by volume, that is discharged in a given time. It is computed by multiplying discharge times mg/l times 0.0027.

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 ft above the bed) expressed as milligrams of dry sediment per litre of water-sediment mixture (mg/l).

Sodium-adsorption-ratio (SAR) is the expression of relative activity of sodium ions in exchange reactions with soil and is an

index of sodium or alkali hazard to the soil. Waters range in respect to sodium hazard from those which can be used for irrigation on almost all soils to those which are generally unsatisfactory for irrigation.

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks that is dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current and is expressed in micromhos per centimeter at 25° C. Because the specific conductance is related to the number and specific chemical types of ions in solution, it can be used for approximating the dissolved-solids content in the water. Commonly, the amount of dissolved solids (in milligrams per litre) is about 65 percent of the specific conductance (in micromhos per cm at 25° C). This relation is not constant from stream to stream or from well to well, and it may even vary in the same source with changes in the composition of the water.

Stage-discharge relation is the relation between gage height and the volume of water per unit of time, flowing in a channel.

Thermograph is a thermometer that continuously and automatically records, on a chart, the water temperature of a stream. "Temperature recorder" is the term used to indicate the presence of a thermograph or a digital mechanism that automatically records water temperatures on paper tape.

Tons per day is the quantity of a substance in solution or suspension that passes a stream section during a 24-hour day.

WRD is used as an abbreviation for "Water-Resources Data" in the summary REVISIONS paragraph to refer to previously published State annual basic-data reports.

WSP is used as an abbreviation for "Water-Supply Paper" in references to previously published reports.

SPECIAL NETWORKS AND PROGRAMS

Hydrologic bench-mark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a bench-mark station may be used to separate effects of natural from manmade changes in other basins which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin.

National stream-quality accounting network is an accounting network designed by the U.S. Geological Survey to meet many of

the information demands of agencies or groups involved in national or regional water-quality planning and management. Both accounting and broad-scale monitoring objectives have been incorporated in the network design. Areal configuration of the network is based on river-basin accounting units designated by the Office of Water Data Coordination in consultation with the Water Resources Council. Primary objectives of the network are (1) to depict areal variability of water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in stream quality.

Pesticide program is a network of regularly sampled water-quality stations where additional monthly samples are collected to determine the concentration and distribution of pesticides in streams whose waters are used for irrigation or in streams in areas where potential contamination could result from the application of the commonly used insecticides and herbicides.

Pesticides are chemical compounds used to control the growth of undesirable plants and animals. Major categories of pesticides includes insecticides, miticides, fungicides, herbicides, and rodenticides. Since the first application of DDT as an insecticide in the early 1930's, there have been almost 60,000 pesticide formulations registered, each containing at least one of the approximately 800 different basic pesticide compounds. The United States annually produces about 1 billion pounds of these compounds. Although efforts are being made to substitute many of the chlorinated hydrocarbon pesticides with more specific, fast-acting, and easily degradable compounds, chlorinated hydrocarbon pesticides are still commonly used in many areas of the country.

Radiochemical program is a network of regularly sampled water quality stations where additional samples are collected monthly or twice a year (at high and low flow) to be analyzed for radioisotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

Radioisotopes are isotope forms of an element that exhibit radioactivity. Isotopes are varieties of a chemical element that differ in atomic weight, but are very nearly alike in chemical properties. The difference arises because the atoms of the isotopic forms of an element differ in the number of neutrons in the nucleus. For example: Ordinary chlorine is a mixture of isotopes having atomic weights 35 and 37, with the natural mixture having atomic weight about 35.453. Many of the elements similarly exist as mixtures of isotopes, and a great many new isotopes have been produced in the operation of nuclear devices such as the cyclotron (Rose, 1966). There are 275 isotopes of the 81 stable elements in addition to over 800 radioactive isotopes.

Radioisotopes that are determined in this program are natural uranium in µg/l (micrograms per litre), radium as radium - 226 in PC/L, (pCi/l, picocuries per litre), gross beta radiation as equivalent strontium/yttrium-90 or cesium-137 in PC/L, and gross alpha radiation as micrograms of uranium equivalent per litre (µg/l). Gross alpha and beta radioactivity associated with the fine-grained (silt and clay sized) sediments in the samples are also determined.

A picocurie (PC, pCi) is one trillionth (1×10^{-12}) of the amount of radioactivity represented by a curie (Ci). A curie is the amount of radioactivity that yields 3.7×10^{10} radioactive disintegrations per second. A picocurie yields 2.22 dpm (disintegrations per minute).

DOWNSTREAM ORDER AND STATION NUMBERS

Stations are listed in a downstream direction along the main stream, and stations on tributaries are listed between stations on the main stream in the order in which those tributaries enter the main stream. Stations on tributaries entering above all mainstream stations are listed before the first mainstream station. Stations on tributaries to tributaries are listed in a similar manner. In the lists of gaging stations and water-quality stations in the front of this report the rank of tributaries is indicated by indention, each indention representing one rank.

As an added means of identification, each gaging station, partial-record station, and water-quality station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and gaging stations; therefore, the station number for a partial-record station indicates downstream order position in the list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 8-digit number for each station, such as 02371500, which appears just to the left of the station name includes the 2-digit part number "02" plus the 6-digit downstream order number "371500." In this report, the records are listed in downstream order by parts. The part number refers to an area whose boundaries coincide with certain natural drainage lines. Records in this report are in Part 2 (Eastern Gulf of Mexico basin) and Part 3 (Ohio River basin). All records for a drainage basin encompassing more than one state can be arranged in downstream order by assembling pages from the various state reports by station number to include all records in the basin.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

Miscellaneous downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

The well and miscellaneous site numbering system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each well. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, the next 7 digits denote degrees, minutes, and seconds of longitude, and the last 2 digits is a sequential number for wells within a 1-second grid. In the event that the latitude-longitude coordinates for a well and a miscellaneous site are the same, assign sequential numbers "01," "02," etc. as one would for wells. See figure 4 below.

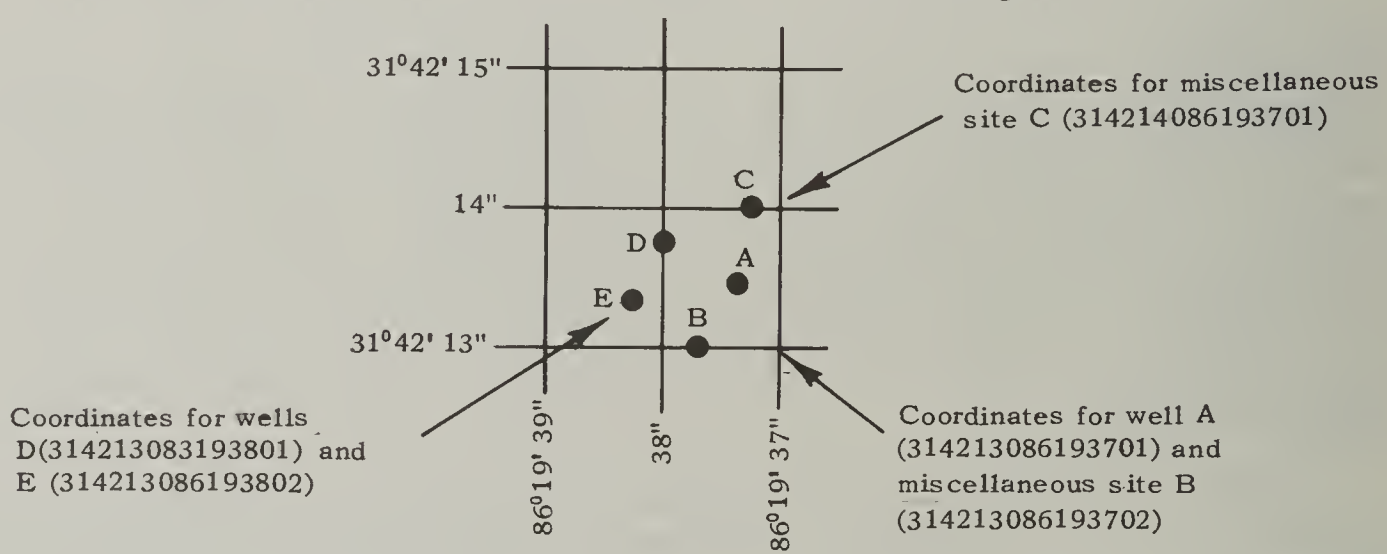

Figure 4.--System for numbering wells and miscellaneous sites (latitude and longitude).

A local well-numbering system used in Alabama for wells equipped with continuous water-stage recorders utilizes county name abbreviations followed by serial numbers. For example, Bib-1 is well 1 in Bibb County.

EXPLANATION OF SURFACE-WATER DATA

Collection and Computation of Data

The base data collected at gaging stations consists of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in computing the daily flow or volume of water in storage.

Records of stage are obtained from a water-stage recorder that gives a continuous graph of the fluctuations (for digital recorders, a tape punched at 5-, 15-, 30-, or 60-minute intervals) or from direct readings on a nonrecording gage. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey on the basis of experience in stream gaging since 1888. These methods are described in standard textbooks on the measurement of stream discharge, in Water-Supply Paper 888, and in the U.S. Geological Survey Techniques of Water Resources Investigations, Book 3, Chapter A6. (See also SELECTED REFERENCES.) Surface areas of lakes or reservoirs are determined from instrument surveys using standard methods. The configuration of the reservoir bottoms are mapped by sounding at many points.

For stream-gaging stations, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves based on periodic measurements of stage and discharge. If extensions to the stage-discharge curves are necessary to express discharge greater or less than that measured, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements or computation of flow over dams or weirs), velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and the yearly mean discharge are computed from the daily figures. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is computed by the shifting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. Slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

For a lake or reservoir station, capacity tables giving the contents for any stage are prepared from stage-area relation curves defined by surveys. The application of the stage to the capacity table gives the contents, from which the daily, monthly, or yearly change in contents is computed.

If the stage-capacity curve is subject to changes because of depositions of sediment in the reservoir, periodic resurveys of the reservoir are necessary to prepare new stage-capacity curves. During the period between reservoir surveys, the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some gaging stations there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, the float is frozen in the well, or for various other reasons. For such periods the daily discharges are estimated on the basis of recorded range in stage, adjoining good record, discharge measurements, weather records, and comparison with other station records from the same or nearby basins. Likewise daily contents may be estimated on the basis of operator's log, adjoining good record, inflow-outflow studies, and other information.

The data in this report generally comprise a description of the station and a table showing the daily, monthly, and yearly discharge of the stream. For gaging stations on lakes and reservoirs. a monthly summary table of stage and contents is given. Tables of daily mean gage heights are included for some streamflow stations and once daily gage height readings are included for some stage stations. Records are published for the water year which begins on October 1 and ends on September 30. A calendar for the current water year is shown on the inside of the back cover to facilitate finding the day of the week for any date.

The description of the gaging station gives the location, drainage area, period of record, type and history of gages, average discharge, extremes of discharge or contents, and general remarks. The location of the gaging station and the drainage area are obtained from the most accurate maps available. River mileage, given under "LOCATION" for some stations, is that reported and used by the Corps of Engineers or other agencies. Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD." The type of gage currently in use, the datum of the present gage above mean sea level, and a condensed history of the types, locations, and datums of previous gages used during the period of record are given under "GAGE." In references to datum of gage, the phrase "mean sea level" denotes "Sea Level Datum of 1929" as used by the Topographic Division of the Geological Survey, unless otherwise qualified. The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE"; it is not given for stations having fewer than 5 complete years of record or for

stations where changes in water development during the period of record cause the figure to have little significance. The maximum discharge (or contents) and the maximum gage height, the minimum discharge if there is little or no regulation (or the minimum contents), and the minimum gage height if it is significant are given under "EXTREMES." The minimum daily discharge is given if there is extensive regulation (also the minimum discharge and gage height if they are abnormally low). In the first paragraph headed "Current year:" the data given are for the complete current year unless otherwise specified. In the second paragraph under "EXTREMES" headed "Period of record:" the data given are for the period of record given in the PERIOD OF RECORD paragraph. Reliable information concerning major floods that occurred outside the period of record is given in the third or last paragraph under "EXTREMES." Unless otherwise qualified, the maximum discharge (or contents) corresponds to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur at the same time as the maximum discharge or contents, it is given separately. Information pertaining to the accuracy of the discharge records and to conditions that affect the natural flow at the gaging station is given under "REMARKS."

Previously published records for some stations have been found to be in error on the basis of data or information later obtained. Revisions of such records are usually published along with current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISIONS (WATER YEARS)" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water years for which figures are revised in that report. In listing the water years, only one number is given; for instance, 1933 stands for the water year October 1, 1932, to September 30, 1933. If no daily, monthly, or annual figures of discharge were revised, that fact is brought out by notations after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the revised figure was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of reports.

The daily table for stream-gaging stations gives the mean

discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily discharges, respectively, for the month. Discharges for the month also may be expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN"), or in acre-feet (line headed "AC-FT"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion, or if the drainage area includes large noncontributing areas.

In the yearly summary below the monthly summary, the figures of maximum are the maximum daily discharges for the calendar and water years; likewise, the minimums in this summary are the minimum daily discharges.

Footnotes to the table of daily discharges are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more or includes the maximum discharge for the year. Periods of backwater from an unusual source, of indefinite stage-discharge relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs.

For reservoir stations the monthly summary gives the elevation (in feet) and contents (in acre-ft or cfs-days) at the end of the month and the change in contents during the month. The yearly summary gives the change in contents for the calendar year and for the water year.

Peak discharges and their times of occurrence and corresponding gage heights for many stations are listed below the yearly summary. All independent peaks above the selected base are given. The base discharge, which is given in parentheses, is selected so that an average of about three peaks a year can be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030 and 1:30 p.m. is 1330.

Data collected at partial-record stations and miscellaneous sites are given in four tables following the surface-water gaging

station records in this report. The first is a table of discharge measurements made at low-flow partial-record stations, second is gage height and discharge at selected times for major flood peaks at flood hydrograph partial-record stations, third is a table of annual maximum stage and discharge at crest-stage partial-record stations, and fourth is a table of discharge measurements made at miscellaneous sites.

Accuracy of Data

The accuracy of discharge data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretation of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily discharges is within 5 percent; "good" within 10 percent; and "fair" within 15 percent. "Poor" means that daily discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 significant figures about 1,000 cfs. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures listed for partial-record stations and miscellaneous sites.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumptive use, regulation, evaporation, or other factors. For such stations, discharge in cubic feet per second per square mile and runoff in inches are not published unless satisfactory adjustments can be made for such effects. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or unadjusted losses (consumptive use, evaporation, seepage, etc.) are large in comparison with the observed discharge.

Publications

Each volume of the 1960 series of U.S. Geological Survey water-supply papers entitled "Surface Water Supply of the United States" contains a listing of the numbers of all water-supply papers in which records of surface-water data were published for the area covered by the individual volumes. Each volume also

contains a list of water-supply papers that give detailed information on major floods for the area. Records for stations in Alabama for the period October 1960 to September 1965 are in Water-Supply Papers 1906 and 1910, and records for the period October 1965 to September 1970 are in Water-Supply Papers 2106 and 2110.

Records through September 1950 for the area covered by this report have been compiled and published in Water-Supply Papers 1302 and 1304. Records for October 1950 to September 1960 have been compiled and published in Water-Supply Papers 1724 and 1726. These reports contain summaries of monthly and annual discharge and month-end storage for all previously published records, as well as some records not contained in the annual series of water-supply papers. All records were re-examined and revised where warranted. Estimates of discharge were made to fill short gaps whenever practical. The yearly summary table for each gaging station lists the numbers of the water-supply papers in which daily records were published for that station.

Special reports on major floods or droughts or of other hydrologic studies for the area have been issued in publications other than water-supply papers. Information relative to these reports may be obtained from the district office.

Other Data Available

Information of a more detailed nature than that published for most of the gaging stations is on file in the district office, such as discharge measurements and recorder charts or nonrecording gage readings. Also most gaging-station records are available in computer-usable form and many statistical analyses have been made.

Records Collected by Agencies Other than the Geological Survey

The Tennessee Valley Authority, the Corps of Engineers, the Geological Survey of Alabama, and National Weather Service have collected records of discharge and records of stage at many sites in Alabama during the 1975 water year that are not included in this report.

EXPLANATION OF WATER-QUALITY DATA

Collection and Examination of Data

Water samples for analyses usually are collected at or near gaging stations. The discharge records at these stations are used in conjunction with the computations of the chemical constituents and sediment loads.

The data in this report include a description of the sampling station and tabulations of the samples analyzed. The description of the sampling station gives the location, drainage area, periods of record for the various water-quality data, extremes of the pertinent data, and general remarks, in a format similar to that used for streamflow gaging stations.

Water-quality information is presented for chemical, biological, and microbiological quality, water temperature, and fluvial sediment. Chemical quality includes concentrations of individual dissolved constituents and certain properties or characteristics such as hardness, sodium-adsorption-ratio, specific conductance, and pH. The biological information includes qualitative and quantitative analyses of plankton. Microbiological information includes quantitative identification of certain bacteriological indicator organisms. Water-temperature data represent observations made at the time of sample collection except for stations where a digital or continuous temperature recorder (thermograph) furnishes information from which daily minimums and maximums are obtained. Fluvial-sediment information is given for suspended-sediment discharges and concentrations.

Prior to the 1968 water year, data for chemical constituents and concentrations of suspended sediment were reported in parts per million (ppm) and water temperatures were reported in degrees Fahrenheit (° F). In October 1967, the U.S. Geological Survey began reporting data for chemical constituents and concentrations of suspended sediment in milligrams per litre (mg/l) and water temperatures in degrees Celsius (° C). In waters with a density of 1.000 g/ml (grams per millilitre), parts per million and milligrams per litre can be considered equal. In waters with a density greater than 1.000 g/ml, values in parts per million should be multiplied by the density to convert to milligrams per litre. Temperature reported in degrees Celsius may be converted to degrees Fahrenheit by using table 2, page 21.

In October 1968, the Geological Survey began reporting many of the chemical constituents as well as the minor elements in micrograms per litre instead of milligrams per litre. (See "Definition of Terms," page 3 and table for converting English units to SI units, page 33).

Solutes

Most methods for collecting and analyzing water samples to determine the kinds and concentrations of solutes are described by Brown, Skougstad, and Fishman. The method for determining elemental constituents by emission spectrographic techniques is described by Barnett and Mallory. Analysis of pesticides, herbicides, and organic substances in water are described by Goerlitz and Lamar; Lamar, Goerlitz, and Law; and Goerlitz and Brown. The

collection and analysis of aquatic, biological and microbiological samples are described by Slack and others.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between the reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate in the laboratory.

For chemical-quality stations equipped with noncontinuous-digital monitors, the records consist of daily maximum and minimum values for each constituent or property measured and are based upon hourly punches beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the U.S. Geological Survey district office at the address given on the back of the title page of this report.

Temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at the time of discharge measurements for surface-water stations. Large streams have a small diurnal temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharges.

At stations where continuously recording thermographs or digital recorders are present, the records consist of maximum and minimum temperatures for each day and the monthly extremes.

Table 2.--Degrees Celsius (° C) to degrees Fahrenheit (° F)
(Temperature reported to nearest 0.5° C)

° C	° F	° C	° F	° C	° F	° C	° F	° C	° F
0.0	32	10.0	50	20.0	68	30.0	86	40.0	104
.5	33	10.5	51	20.5	69	30.5	87	40.5	105
1.0	34	11.0	52	21.0	70	31.0	88	41.0	106
1.5	35	11.5	53	21.5	71	31.5	89	41.5	107
2.0	36	12.0	54	22.0	72	32.0	90	42.0	108
2.5	36	12.5	54	22.5	72	32.5	90	42.5	108
3.0	37	13.0	55	23.0	73	33.0	91	43.0	109
3.5	38	13.5	56	23.5	74	33.5	92	43.5	110
4.0	39	14.0	57	24.0	75	34.0	93	44.0	111
4.5	40	14.5	58	24.5	76	34.5	94	44.5	112
5.0	41	15.0	59	25.0	77	35.0	95	45.0	113
5.5	42	15.5	60	25.5	78	35.5	96	45.5	114
6.0	43	16.0	61	26.0	79	36.0	97	46.0	115
6.5	44	16.5	62	26.5	80	36.5	98	46.5	116
7.0	45	17.0	63	27.0	81	37.0	99	47.0	117
7.5	45	17.5	63	27.5	81	37.5	99	47.5	117
8.0	46	18.0	64	28.0	82	38.0	100	48.0	118
8.5	47	18.5	65	28.5	83	38.5	101	48.5	119
9.0	48	19.0	66	29.0	84	39.0	102	49.0	120
9.5	49	19.5	67	29.5	85	39.5	103	49.5	121

° C = 5/9 (° F - 32) or ° F = 9/5 (° C) + 32.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the cross section to determine the mean concentration in the cross sections. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream.

Publications

The annual series of water-supply papers that give information on quality of surface waters in Alabama are listed in the following tabulation.

Year	Parts 1-14	Parts 1-4	Year	Parts 1-4	Parts 1-2	Parts 3-4
1941	942	.....	1956	1450	.....	.....
1942	950	.....	1957	1520	.....	.....
1943	970	.....	1958	1571	.....	.....
1944	1022	.....	1959	.....	1641	1642
1945	1030	.....	1960	.....	1741	1742
1946	1050	.....	1961	.....	1881	1882
1947	1102	.....	1962	.....	1941	1942
1948	a/1132	.....	1963	.....	1947	1948
1949	a/1162	.....	1964	.....	1954	1955
1950	.....	1186	1965	.....	1961	1962
1951	.....	1197	1966	.....	1991	1992
1952	.....	1250	1967	.....	2011	2012
1953	.....	1290	1968	.....	b/2092	c/2093
1954	.....	1350	1969	.....	b/2142	c/2143
1955	.....	1400	1970	.....	b/2152	cd/2153

a/ Parts 1-6
b/ Part 2
c/ Part 3
d/ In press

Records Collected by Agencies Other Than the Geological Survey

The Geological Survey of Alabama, Alabama Water Improvement Commission, Alabama Health Department, Alabama Power Company, Corps of Engineers, Tennessee Valley Authority, Environmental Protection Agency, and National Aeronautics and Space Administration and various county and city agencies have collected records of water quality at many sites in Alabama during the 1975 water year.

EXPLANATION OF GROUND-WATER DATA

Collection and Reporting of Data

The base data collected at observation wells consists of records of water levels and measurements of water levels. Records of water level are obtained from a water-stage recorder that gives a continuous graph of fluctuations, from a digital recorder that punches digital values of water level into a paper tape at 60-minute intervals, or from water-level measurements by an observer using a steel tape.

Water-level data is presented in tabular form by county. Counties are listed in alphabetical order and wells are listed in numerical order by local number.

Descriptive information is presented for each observation well. This information includes data in the following order: 15-digit number based on latitude and longitude, local well number, owner, location, method of construction, use, artesian or water table, aquifer, diameter or size, depth, casing and screen setting or perforations, altitude of land-surface datum, measuring point, highest and lowest water levels of record, records available, and remarks.

The location of each well is shown, by the 15-digit number, on a state map that follows the list of ground-water wells (page XIV).

Water levels listed for wells equipped with recording gages are, unless otherwise indicated, the lowest recorded water level for every fifth day and the end of the month (eom). Water levels are given in feet below land-surface datum, except for those preceded by a plus (+) sign, which indicates that the water level is above land surface.

Accuracy of Data

Water levels are reported to as many significant figures as can be justified by local conditions. For example, in a measurement of a depth to water of several hundred feet, the error in determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water the accuracy is greater. Accordingly, most water levels are reported to a hundredth of a foot, but some are to a tenth of a foot.

Measurements are made in many types of wells, under varying conditions of access and at different temperatures, hence, neither the method of measurement nor the equipment can be standardized. At each observation well, however, the equipment

and techniques used are those that will insure that measurements at each well are consistent.

Publications

The U.S. Geological Survey water-supply papers containing water-level data in Alabama are listed in the following tabulation:

Calendar year	WSP No.	Calendar year	WSP No.	Calendar year	WSP No.	Calendar year	WSP No.
1940	907	1945	1024	1950	1166	1955	1405
1941	937	1946	1072	1951	1192	1956-58	1538
1942	945	1947	1097	1952	1222	1959-63	1803
1943	987	1948	1127	1953	1266	1964-68	1978
1944	1017	1949	1157	1954	1322	1969-73	2171

Because of the large volume of data on ground-water levels and demands for these data, water levels have been published in hundreds of reports published by the Geological Survey of Alabama including one report for each of the 67 counties in Alabama.

Other Data Available

Water-level records have been collected at about 200 observation wells at time of high and low water levels each year since 1968. Also thousands of water levels and other pertinent data for wells, such as well logs and pump tests, have been collected from municipal, industrial, and domestic wells in Alabama. Information relative to these data may be obtained from the district office.

Records Collected by Agencies Other Than the U.S. Geological Survey

The Geological Survey of Alabama, Alabama Health Department, U.S. Army, Corps of Engineers, and Tennessee Valley Authority have collected water-level records and other information on wells in Alabama. Information about records at wells can be obtained from these agencies.

HYDROLOGIC CONDITIONS

Streamflow for water year 1975 was exceptionally high throughout Alabama. The monthly mean flows for all stations ranged from slightly higher to much higher than normal, and the yearly mean flow was much higher than normal for all stations. Mean flow of Alabama River at Claiborne was 150 percent of the 45-year average (1930-75); Tombigbee River at Coffeeville was 125 percent of the 8-year average; and the Tennessee River at

Florence was 136 percent of average (81 years). Yearly mean flow on secondary streams ranged from about 135 to 198 percent of normal.

Figure 5 shows the monthly and yearly mean discharge at two long-term representative gaging stations for water year 1975. For comparison, the median of the monthly and yearly discharge for the period 1941-70 is also shown. The drainage basins of these two streams are approximately centered in the north half and the south half of the State.

The yearly mean discharges for the two stations shown on figure 5 were much higher than normal and the monthly mean flows receded to normal or near normal only for October, November, and May; all other monthly flows were higher than normal.

Generally, discharge at other points on streams in Alabama for water year 1975 was similar to that at the long-term representative stations with the monthly flows much higher than normal except for October, November, and May, which were slightly higher than normal.

Alabama received heavy rainfall periodically from early December to September. The rainfall was produced by a series of frontal systems, tropical depressions, and thunderstorms.

Rainfall during the last of July and first of August produced new flood peaks of record at gaging stations 02342933 South Fork Cowikee Creek near Batesville, 02363000 Pea River at Ariton, 02371200 Indian Creek near Troy, 02371500 Conecuh River at Brantley, and 02425500 Cedar Creek at Minter. The peaks at stations 02363000, 02371200, and 02425500 exceeded the 100-year recurrence interval flood.

Ground-water levels in most observation wells in the State were generally about average to slightly above average throughout the year. New all-time high water levels were recorded in eight wells; five wells tapping aquifers of Early and Late Mississippian age in northern Alabama and three wells tapping aquifers of Late Cretaceous and Eocene age in the Coastal Plain area.

Figure 6 shows the monthly low water level during water year 1975 compared with the highest and lowest monthly low water levels for the period 1952-74 for two observation wells.

The monthly low water level for well 325622087075501 (Bib-1), tapping the Copper Ridge Dolomite of Late Cambrian age and Chepultepec Dolomite of Early Ordovician age, ranged from near the lowest monthly lows of record during the first 6 months of the water year 1975 to near the highest monthly lows of record during the last 6 months.

The monthly low water level for well 322047086214301 (Mtg-3), tapping the Eutaw Formation of Late Cretaceous age, remained near the highest monthly lows of record throughout the water year 1975. A decrease in the rate of pumping from the Eutaw Formation may be responsible for this rise in water level.

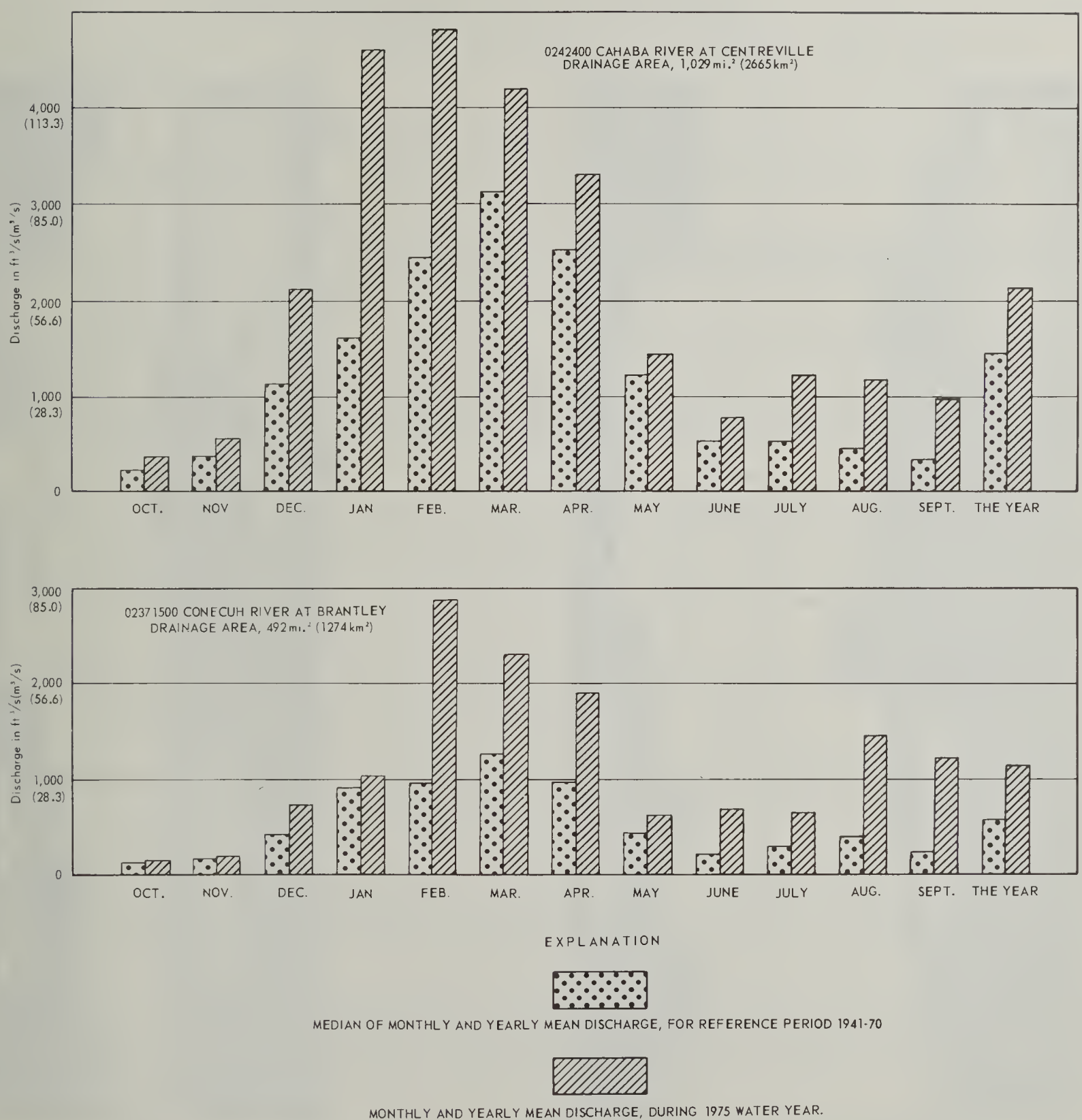

Figure 5.--Comparison of discharge at two long-term representative gaging stations during 1975 water year with median discharge for water years 1941-70.

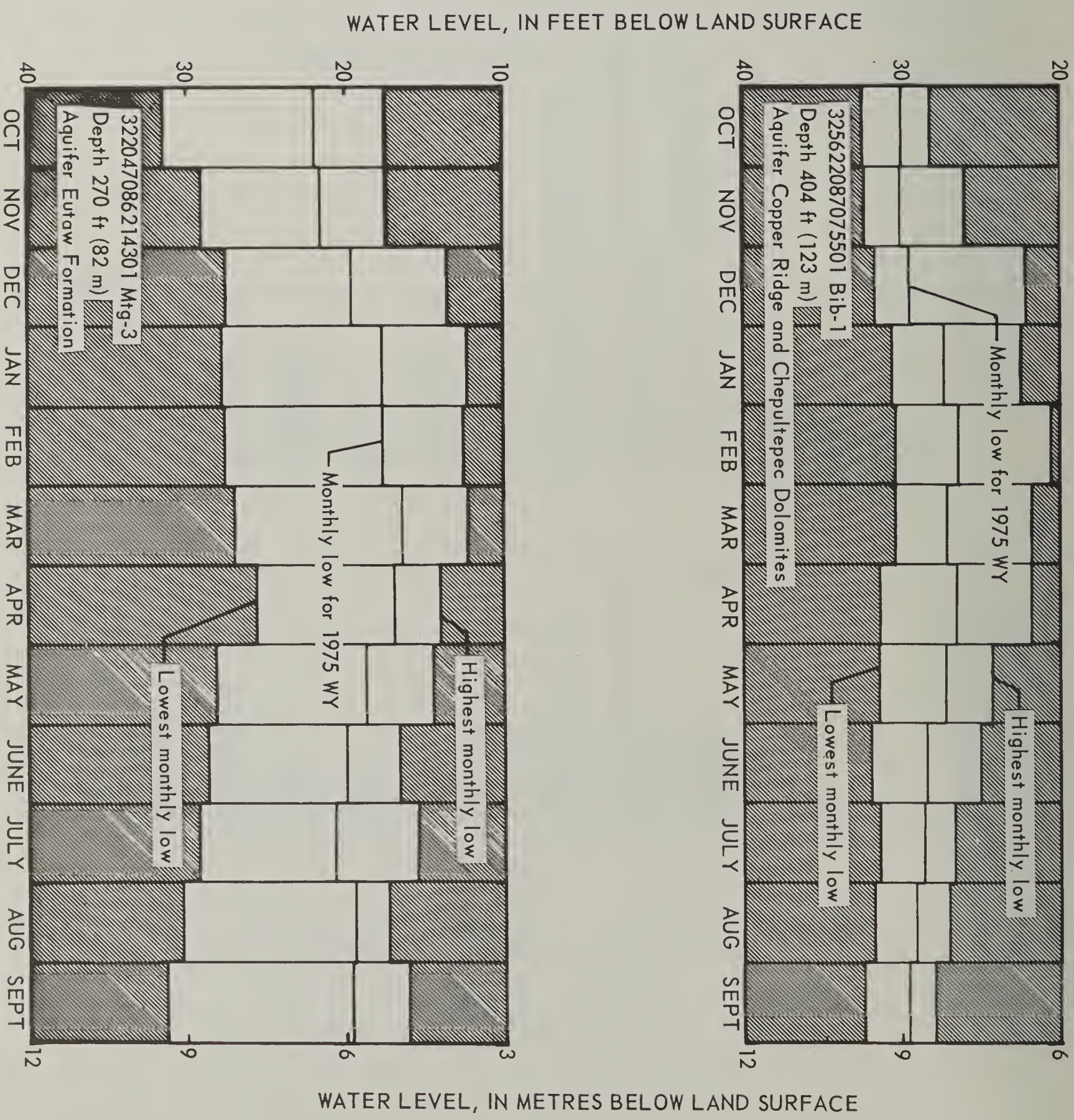

Figure 6.--Monthly low water levels during water year 1975 compared with highest and lowest monthly low water levels for period 1952-74 for two observation wells.

SELECTED REFERENCES

American Public Health Association, and others, 1971, Standard methods for the examination of water and waste water, 13th ed.: New York, Am. Public Health Assoc., 874 p.

Barker, F. B., and Johnson, J. O., 1964, Determination of radium in water: U.S. Geol. Survey Water-Supply Paper 1696-B, 29 p.

Barker, F. B., and others, 1965, Determination of uranium in natural water: U.S. Geol. Survey Water-Supply Paper 1696-C, 25 p.

Barker, F. B., and Robinson, B. P., 1963, Determination of beta activity in water: U.S. Geol. Survey Water-Supply Paper 1696-A, 32 p.

Barnett, P. R., and Mallory, E. C., Jr., 1971, Determination of minor elements in water by emission spectroscopy: U.S. Geol. Survey Techniques of Water Resources Inv., book 5, chap. A2, 31 p.

Brown, Eugene, Skougstad, M. W., and Fishman, M. J., 1970, Methods for collection and analysis of water samples for dissolved minerals and gases: U.S. Geol. Survey Techniques of Water Resources Inv., book 5, chap. A1, 160 p.

Carter, R. W., and Davidian, Jacob, 1968, General procedure for gaging streams: U.S. Geol. Survey Techniques of Water Resources Inv., book 3, chap. A6, 13 p.

Colby, B. R., 1963, Fluvial sediments--a summary of source, transportation, deposition, and measurement of sediment discharge: U.S. Geol. Survey Bull. 1181-A, 47 p.

Colby, B. R., and Hembree, C. H., 1955, Computations of total sediment discharge, Niobrara River near Cody, Nebraska: U.S. Geol. Survey Water-Supply Paper 1357, 187 p.

Colby, B. R., and Hubbell, D. W., 1961, Simplified methods for computing total sediment discharge with the modified Einstein procedure: U.S. Geol. Survey Water-Supply Paper 1593, 17 p.

Corbett, D. M., and others, 1943, Stream-gaging procedure, a manual describing methods and practices of the Geological Survey: U.S. Geol. Survey Water-Supply Paper 888, 245 p.

Goerlitz, D. F., and Brown, Eugene, 1972, Methods for analysis of organic substances in water: U.S. Geol. Survey Techniques of Water Resources Inv., book 5, chap. A3, 40 p.

Goerlitz, D. F, and Lamar, W. L., 1967, Determination of phenoxy acid herbicides in water by electron-capture and micro-coulometric gas chromatography: U.S. Geol. Survey Water-Supply Paper 1817-C, 21 p.

Guy, H. R., 1969, Laboratory theory and methods for sediment analysis: U.S. Geol. Survey Techniques of Water Resources Inv., book 5, chap. C1, 58 p.

_____1970, Fluvial sediment concepts: U.S. Geol. Survey Techniques of Water Resources Inv., book 3, chap. C1, 55 p.

Guy, H. P., and Norman, V. W., 1970, Field methods for measurement of fluvial sediment: U.S. Geol. Survey Techniques of Water Resources Inv., book 3, chap. C2, 59 p.

Hains, C. F., 1968, Flow characteristics of Alabama streams: Alabama Geol. Survey Circ. 32, 382 p.

_____1970, A proposed streamflow data program for Alabama: U.S. Geol. Survey open-file report, 90 p.

_____1973, Floods in Alabama: Alabama Highway Department, 39 p.

Hem, J. D., 1970, Study and interpretation of the chemical characteristics of natural water, 2d ed.: U.S. Geol. Survey Water-Supply Paper 1473, 363 p.

Lamar, W. L., Goerlitz, D. F., and Law, L. M., 1965, Identification and measurement of chlorinated organic pesticides in water by electron-capture gas chromatography: U.S. Geol. Survey Water-Supply Paper 1817-B, 12 p.

Langbein, W. B., and Iseri, K. T., 1960, General introduction and hydrologic definitions: U.S. Geol. Survey Water-Supply Paper 1541-A, 29 p.

Lohman, S. W., 1972, Ground-water hydraulics: U.S. Geol. Survey Prof. Paper 708, 70 p.

Lohman, S. W., and others, 1972, Definitions of selected ground-water terms--revisions and conceptual refinements: U.S. Geol. Survey Water-Supply Paper 1988, 21 p.

O'Rear, D. M., 1957, Water levels and artesian pressures in Alabama, 1955: Alabama Geol. Survey Inf. Ser. 5, 49 p.

_____1960, Ground-water levels in Alabama in 1957 and 1958: Alabama Geol. Survey Inf. Ser. 19, 81 p.

_____1964, Ground-water levels in Alabama in 1959 and 1960: Alabama Geol. Survey Circ. 23, 123 p.

O'Rear, D. M., and Knowles, D. B., 1955, Water levels and artesian pressures in Alabama, 1954: Alabama Geol. Survey Inf. Ser. 2, 49 p.

_____1957, Ground-water levels in Alabama in 1956: Alabama Geol. Survey Inf. Ser. 11, 46 p.

Peirce, L. B., 1967, 7-day low flows and flow duration of Alabama streams: Alabama Geol. Survey Bull. 87, Pt. A, 114 p.

Porterfield, George, 1972, Computations of fluvial-sediment discharge: U.S. Geol. Survey Techniques of Water Resources Inv., book 3, chap. C3, 66 p.

Powell, W. J., and Duncan, A. C., Water-level fluctuations and chemical quality of ground water in Alabama: Alabama Geol. Survey Spec. Map 29 [1963].

Ritter, J. R., and Helley, E. J., 1969, Optical method for determining particle sizes of coarse sediment: U.S. Geol. Survey Techniques of Water Resources Inv., book 5, chap. C3, 33 p. (open-file).

Rose, Arthur and Elizabeth, 1966, The condensed chemical dictionary: New York, Reinhold Pub. Corp., 7th ed., 1044 p.

Sanford, T. H., Jr., and West, L. R., 1960, Ground-water levels in Madison County, Alabama, July 1956 to July 1959: Alabama Geol. Survey Inf. Ser. 22, 42 p.

Slack, K. V., and others, 1973, Methods for collection and analysis of aquatic, biological and microbiological samples: U.S. Geol. Survey Techniques of Water Resources Inv., book 5, chap. A4, 165 p.

U.S. Geological Survey, 1971, Index of surface-water records to September 30, 1970, Part 3, Ohio River basin: U.S. Geol. Survey Circ. 653, 71 p.

_____1972, Index of surface-water records to September 30, 1970, Part 2, South Atlantic and Eastern Gulf of Mexico basins: U.S. Geol. Survey Circ. 652, 88 p.

U.S. Inter-Agency Committee on Water Resources, Subcommittee on Sedimentation, A study of methods used in measurement and analysis of sediment loads in streams. Published by the St. Anthony Falls Hydraulic Laboratory, Minneapolis, Minn.

_____1941, Methods of analyzing sediment samples: Rept. 4.

_____1953, Accurary of sediment size analyses made by the bottom-withdrawal-tube method: Rept. 10.

U.S. Inter-Agency Committee on Water Resources, Subcommittee on Sedimentation, 1957, The development and calibration of visual accumulation tube: Rept. 11.

_____1957, Some fundamentals of particle size analysis: Rept. 12.

_____1959, Federal Inter-Agency sedimentation instruments and reports: Rept. AA.

_____1961, The single stage sampler for suspended sediment: Rept. 13.

_____1963, Determinations of fluvial sediment discharge: Rept. 14.

The following factors may be used to convert the English units published herein to the International System of Units (SI). Subsequent reports will contain both the English and SI unit equivalents in the station manuscript descriptions until such time that all data will be published in SI units.

Multiply English units	By	To obtain SI units
	Length	
	25.4	millimetres (mm)
inches (in)	2.54	centimetres (cm)
	.0254	metres (m)
feet (ft)	.3048	metres (m)
yards (yd)	.9144	metres (m)
rods	5.0292	metres (m)
miles (mi)	1.609	kilometres (km)
	Area	
acres	4047	square metres (m^2)
	.4047	*hectares (ha)
	.4047	square hectometre (hm^2)
	.004047	square kilometres (km^2)
square miles (mi^2)	2.590	square kilometres (km^2)
	Volume	
gallons (gal)	3.785	**litres (l)
	3.785	cubic decimetres (dm^3)
	3.785×10^{-3}	cubic metres (m^3)
million gallons (10^6 gal)	3785	cubic metres (m^3)
	3.785×10^{-3}	cubic hectometres (hm^3)
cubic feet (ft^3)	28.32	cubic decimetres (dm^3)
	.02832	cubic metres (m^3)
cfs-day (ft^3/s-day)	2447	cubic metres (m^3)
	2.447×10^{-3}	cubic hectometres (hm^3)
acre-feet (acre-ft)	1233	cubic metres (m^3)
	1.233×10^{-3}	cubic hectometres (hm^3)
	1.233×10^{-6}	cubic kilometres (km^3)
	Flow	
cubic feet per second (ft^3/s)	28.32	litres per second (l/s)
	28.32	cubic decimetres per second (dm^3/s)
	.02832	cubic metres per second (m^3/s)
gallons per minute (gpm)	.06309	litres per second (l/s)
	.06309	cubic decimetres per second (dm^3/s)
	6.309×10^{-5}	cubic metres per second (m^3/s)
million gallons per day (mgd)	43.81	cubic decimetres per second (dm^3/s)
	.04381	cubic metres per second (m^3/s)
	Mass	
ton (short)	.9072	tonne (t)

* The unit hectare is approved for use with the International System (SI) for a limited time. See NBS Special Bulletin 330, p. 15, 1972 edition.

**The unit litre is accepted for use with the International System (SI). See NBS Special Bulletin 330, p. 13, 1972 edition.

SURFACE-WATER RECORDS

02339500 Chattahoochee River at West Point, Ga.

LOCATION.--Lat 32°53'10", long 85°10'56", Troup County, on right bank just downstream from Oseligee Creek at West Point, 1 mi (1.6 km) upstream from bridge on U.S. Highway 29, and at mile 198.9 (320.0 km).

DRAINAGE AREA.--3,550 mi^2 (9,190 km^2), approximately.

PERIOD OF RECORD.--Discharge: July 1896 to current year. Monthly discharge only for some periods, published in WSP 1304. Gage-height records collected at site 0.8 mi (1.3 km) downstream since 1899 are contained in reports of National Weather Service.
Chemical analyses: February 1968 to current year.

GAGE.--Water-stage recorder. Datum of gage is 551.67 ft (168.15 m) above mean sea level. Prior to Oct. 20, 1912, nonrecording gage at site 0.8 mi (1.3 km) downstream at datum 2.83 ft (.863 m) lower. Oct. 20, 1912 to Jan. 25, 1925, nonrecording gage at site 500 ft (152 m) upstream at present datum.

AVERAGE DISCHARGE.--79 years, 5,632 ft^3/s (159 m^3/s), 21.54 in/yr (547.1 mm/yr), unadjusted.

EXTREMES.--Current year: Maximum discharge, 46,900 ft^3/s (1,330 m^3/s) Apr. 3, gage height, 18.88 ft (5.755 m); minimum daily, 652 ft^3/s (18.5 m^3/s) May 25.
Period of record: Maximum discharge, 134,000 ft^3/s (3,790 m^3/s) Dec. 10, 1919, gage height, 30.0 ft (9.14 m) at site then in use; 29.25 ft (8.92 m) at present site, from floodmarks, from rating extended above 80,000 ft^3/s (2,270 m^3/s) on basis of computation of peak flow over Langdale Dam; minimum, 224 ft^3/s (6.34 m^3/s) Sept. 12, 1925, gage height, 1.64 ft (.500 m).
Maximum stage known since at least 1827, that of Dec. 10, 1919.
Flood in 1886 reached a stage of 25.6 ft (7.80 m) at former site and datum, from floodmark, by National Weather Service, discharge, 92,500 ft^3/s (2,620 m^3/s).

REMARKS.--Records good. Flow regulated by Lake Sidney Lanier beginning January 1956. Laboratory chemical analyses by the Laboratory Services Section, Environmental Protection Division, Georgia Department of Natural Resources. Field determination of discharge, water temperature, pH, and dissolved oxygen by U.S. Geological Survey.

REVISIONS (WATER YEARS).--WSP 682: 1920, drainage area. WSP 972: 1931-32. WSP 1504: 1912, 1916-17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,950	4,890	7,030	7,110	3,280	6,460	9,450	944	1,050	4,760	10,200	5,180
2	2,160	3,040	7,630	5,620	2,370	5,270	15,200	837	6,840	4,680	5,320	4,700
3	2,050	2,770	3,620	3,240	4,460	4,100	44,400	857	6,880	4,660	1,090	5,570
4	1,930	2,070	4,220	5,040	13,200	4,600	29,300	743	8,440	4,700	6,320	7,470
5	2,380	2,200	4,150	8,680	27,300	6,520	15,200	2,600	8,440	1,090	6,040	1,160
6	2,350	2,240	2,940	5,870	26,600	8,370	13,600	1,100	8,330	1,080	6,100	1,970
7	1,870	2,150	2,630	4,220	18,600	5,730	12,000	1,290	1,060	5,470	9,420	1,970
8	1,730	2,070	3,120	6,110	8,660	5,740	10,300	1,540	908	7,580	7,730	6,620
9	2,600	1,800	5,420	8,440	6,980	5,020	10,300	1,200	4,740	9,100	4,240	4,690
10	3,420	1,890	4,630	6,380	5,260	5,610	15,000	683	5,470	8,640	1,400	2,990
11	3,590	1,970	3,470	12,200	4,680	6,430	15,400	663	6,230	8,670	7,980	7,120
12	3,700	2,060	4,140	22,000	9,460	9,030	17,600	5,420	12,100	970	10,700	5,460
13	3,690	2,110	4,150	15,900	7,800	12,200	12,100	2,580	16,300	767	11,700	3,450
14	2,440	3,410	3,590	13,500	6,910	35,300	14,100	656	5,140	4,460	7,280	2,040
15	1,890	6,570	2,950	7,740	5,060	40,500	20,600	1,100	1,080	4,550	8,620	5,320
16	3,770	6,480	6,310	6,350	8,110	42,900	20,200	2,160	6,700	4,880	4,540	5,550
17	5,680	5,300	6,810	3,880	23,700	30,500	17,100	896	6,620	5,380	1,000	2,710
18	4,090	4,770	3,940	3,420	28,800	21,200	12,100	731	6,600	5,550	6,110	5,710
19	3,790	4,380	3,020	4,140	22,800	33,600	9,620	786	6,610	1,110	6,610	5,680
20	4,370	5,280	4,820	5,880	17,600	29,200	7,000	3,550	6,660	1,020	8,570	1,980
21	3,160	4,150	5,320	4,610	8,140	17,800	7,160	4,550	1,110	4,660	7,730	1,930
22	2,300	5,000	4,570	4,750	11,800	14,100	7,690	6,180	1,060	4,740	5,490	8,110
23	2,530	3,420	3,050	4,870	8,800	13,400	6,850	5,680	5,130	6,270	956	5,710
24	3,270	2,760	13,800	5,670	11,000	15,100	6,200	2,530	5,140	6,560	921	6,210
25	3,900	2,530	24,700	8,010	13,700	20,700	4,910	652	5,110	6,390	5,690	5,730
26	4,110	2,010	17,200	18,600	10,400	17,400	6,470	4,690	5,200	1,120	5,090	5,450
27	4,290	2,010	8,230	10,000	5,630	13,500	5,840	5,050	5,240	1,080	5,750	1,980
28	4,150	2,010	3,150	6,460	6,250	12,700	5,830	5,060	1,120	7,180	5,470	1,920
29	4,310	2,450	2,180	5,270	------	11,700	7,190	5,190	1,100	7,400	6,020	5,020
30	4,520	3,810	6,620	4,060	------	12,100	2,500	5,160	4,700	7,480	2,120	6,760
31	4,730	------	10,700	5,520	------	9,530	------	4,220	------	7,420	2,080	------
TOTAL	100,720	97,600	188,110	233,540	327,350	476,310	381,210	79,298	161,108	149,417	178,287	136,160
MEAN	3,249	3,253	6,068	7,534	11,690	15,360	12,710	2,558	5,370	4,820	5,751	4,539
MAX	5,680	6,570	24,700	22,000	28,800	42,900	44,400	6,180	16,300	9,100	11,700	8,110
MIN	1,730	1,800	2,180	3,240	2,370	4,100	2,500	652	908	767	921	1,160
(†)	+1,003	+3,188	-133	+3	+47	-3	+139	+5,536	+47	+181	-301	-145

CAL YR 1974 TOTAL 2,218,240 MEAN 6,077 MAX 28,200 MIN 1,480 MEAN‡ 6,118 CFSM‡ 1.72 IN‡ 23.35
WTR YR 1975 TOTAL 2,509,110 MEAN 6,874 MAX 44,400 MIN 652 MEAN‡ 7,667 CFSM‡ 2.16 IN‡ 29.32

† Change in contents, equivalent in cubic feet per second, in West Point Lake.
‡ Adjusted for change in contents in Lakes Sidney Lanier and West Point.

02341500 Chattahoochee River at Columbus, Ga.

LOCATION.--Lat 32°27'45", long 84°59'52", Muscogee County, on downstream side of center pier of Central of Georgia Railway bridge at Columbus, 0.5 mi (0.8 km) downstream from Eagle and Phenix Dam, 1.2 mi (1.9 km) downstream from City Mills Dam, 2.6 mi (4.2 km) downstream from North Highlands Dam, 3.3 mi (5.3 km) downstream from Oliver Dam, 17.5 mi (28.2 km) downstream from Bartletts Ferry Dam, and at mile 159.9 (257.3 km).

DRAINAGE AREA.--4,670 mi^2 (12,100 km^2), approximately.

PERIOD OF RECORD.--Discharge: August 1929 to current year. Records for December 1912, published in WSP 322, have been found to be unreliable and should not be used.
Chemical analyses: February 1968 to May 1972.

GAGE.--Water-stage recorder. Datum of gage is 185.14 ft (56.43 m) above mean sea level. Dec. 1-31, 1912, nonrecording gage at site 800 ft (244 m) upstream at same datum. Oct. 1, 1963 to Sept. 30, 1966, water-stage recorder at Walter F. George Reservoir, and since Oct. 1, 1966, water-stage recorder at Alabama State Docks used as auxiliary gage for this station.

AVERAGE DISCHARGE.--46 years, 6,715 ft^3/s (190 m^3/s), 19.53 in/yr (496.1 mm/yr), unadjusted.

EXTREMES.--Current year: Maximum discharge, 89,900 ft^3/s (2,550 m^3/s) Apr. 3, gage height, 31.98 ft (9.748 m); minimum daily discharge, 860 ft^3/s (24.4 m^3/s) Sept. 14.
Period of record: Maximum discharge, 145,000 ft^3/s (4,110 m^3/s) Feb. 26, 1961; maximum gage height, 47.8 ft (14.57 m) Feb. 25, 1961; minimum discharge, 294 ft^3/s (8.33 m^3/s) Oct. 23, Nov. 14, 1931; minimum daily, 480 ft^3/s (13.6 m^3/s) Oct. 31, 1931.
Maximum discharge known since at least 1827, 198,000 ft^3/s (5,610 m^3/s) Mar. 15, 1929, computation of flow at North Highlands Dam before redevelopment; maximum stage known, 53.2 ft (16.22 m) Mar. 16, 1929.

REMARKS.--Records fair except those below 1,500 cfs (42.5 m^3/s), which are poor. Flow regulated by Lakes Sidney Lanier, West Point, and Bartletts Ferry Reservoir (Lake Harding).

REVISIONS (WATER YEARS).--WSP 1082: 1943 (M). See also period of record.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,880	4,240	6,500	5,670	7,990	11,200	12,600	1,780	4,860	4,840	9,090	3,310
2	1,630	2,680	6,640	7,910	6,940	7,750	16,300	3,040	5,850	5,340	10,400	6,430
3	1,570	2,800	7,970	6,100	8,530	8,720	73,300	3,610	8,680	5,760	5,150	6,980
4	1,090	2,480	6,370	8,450	9,860	7,580	58,300	2,330	9,240	5,460	5,750	6,960
5	1,250	3,870	4,350	8,350	19,900	8,430	20,300	3,140	8,800	3,400	5,100	4,000
6	2,340	3,100	4,700	6,830	32,100	7,630	17,800	2,320	10,000	2,390	6,520	1,870
7	2,250	2,370	6,400	7,040	27,000	8,920	17,900	3,200	4,550	8,610	9,430	1,580
8	2,990	1,490	2,590	9,220	15,400	8,910	14,800	3,870	2,170	9,420	9,960	4,830
9	1,260	1,430	6,750	11,000	9,710	7,350	14,000	3,420	4,720	12,400	8,690	5,850
10	4,840	1,310	4,050	10,900	10,400	6,210	16,200	2,840	5,690	10,100	5,860	4,720
11	3,560	1,790	3,540	16,300	9,680	8,320	18,100	2,460	6,890	10,600	5,360	7,150
12	2,660	3,240	4,440	28,900	9,930	9,920	21,200	6,160	13,700	9,330	8,400	7,200
13	2,370	2,650	4,180	19,100	10,300	13,100	18,200	4,290	19,400	5,090	8,920	4,560
14	3,050	3,110	4,270	15,500	11,600	44,800	34,200	4,260	13,200	5,830	10,700	860
15	3,200	4,390	3,930	11,500	8,320	50,200	43,600	1,380	4,730	4,670	10,900	4,490
16	3,480	6,240	6,890	8,960	8,730	53,200	35,000	4,440	5,690	5,120	6,600	6,430
17	5,520	5,760	7,090	8,760	34,400	44,100	22,800	2,130	8,020	5,800	5,120	3,860
18	3,170	3,340	7,380	10,900	46,900	33,400	17,100	3,680	6,590	6,770	7,320	7,470
19	4,560	5,120	4,990	7,110	47,700	48,800	15,400	2,210	6,470	1,980	5,270	7,320
20	3,780	7,480	5,890	7,120	33,200	38,300	12,600	3,480	9,750	1,180	5,900	5,830
21	5,330	5,960	6,150	7,580	18,500	26,400	10,300	4,830	5,820	5,630	6,890	1,690
22	2,530	5,040	6,330	5,220	12,900	20,000	8,730	6,310	3,190	5,380	7,460	7,390
23	1,760	5,160	5,870	7,280	14,500	16,500	9,380	7,830	4,960	6,550	3,810	8,810
24	3,990	1,510	15,600	8,390	22,400	17,000	9,570	8,720	7,050	7,740	3,330	9,350
25	2,130	3,340	33,600	9,560	21,900	27,100	7,970	2,510	6,650	7,510	6,030	4,890
26	4,140	3,640	20,400	17,400	17,700	26,300	7,860	2,140	4,690	4,470	4,290	4,910
27	4,020	3,220	11,900	17,900	12,700	16,000	4,660	4,960	4,560	2,850	5,740	2,760
28	4,730	2,300	6,290	12,900	9,900	15,700	7,250	5,620	2,600	5,470	5,310	1,810
29	3,700	1,850	5,560	8,740	------	14,700	8,570	6,030	3,270	5,920	3,050	5,310
30	3,330	4,530	8,220	7,760	------	14,900	6,850	5,990	4,250	8,970	3,840	5,760
31	5,640	------	8,800	9,130	------	14,400	------	5,750	------	9,530	2,100	------
TOTAL	97,750	105,440	237,640	327,480	499,090	635,840	580,840	124,730	206,040	194,110	202,290	154,380
MEAN	3,153	3,515	7,666	10,560	17,820	20,510	19,360	4,024	6,868	6,262	6,525	5,146
MAX	5,640	7,480	33,600	28,900	47,700	53,200	73,300	8,720	19,400	12,400	10,900	9,350
MIN	1,090	1,310	2,590	5,220	6,940	6,210	4,660	1,380	2,170	1,180	2,100	860
(†)	+49	-168	+130	-98	+54	+114	-84	+49	-84	+49	-16	+34

CAL YR 1974 TOTAL 2,433,200 MEAN 6,666 MAX 33,600 MIN 800 MEAN‡ 6,704 CFSM‡ 1.44 IN‡ 19.55
WTR YR 1975 TOTAL 3,365,630 MEAN 9,221 MAX 73,300 MIN 860 MEAN‡ 10,020 CFSM‡ 2.15 IN‡ 29.18

† Change in contents, equivalent in cubic feet per second, in Bartletts Ferry Reservoir.
‡ Adjusted for change in contents in Lakes Sidney Lanier, West Point, and Bartletts Ferry Reservoir.

02342500 Uchee Creek near Fort Mitchell, Ala.

LOCATION.--Lat 32°19'00", long 85°00'54", in SW¼ sec. 3, T. 15 N., R. 30 E., Russell County, 50 ft (15 m) right of channel, 100 ft (30 m) upstream from bridge on State Highway 165, 2 mi (3 km) south of Fort Mitchell, 4.8 mi (7.7 km) downstream from Little Uchee Creek, and 5.3 mi (8.5 km) upstream from mouth.

DRAINAGE AREA.--325 mi^2 (842 km^2).

PERIOD OF RECORD.--October 1946 to current year. Monthly discharge only October 1946 to August 1953, published in WSP 1724.

GAGE.--Water-stage recorder. Datum of gage is 201.76 ft (61.496 m) above mean sea level. Prior to Sept. 1, 1953, at site 1,000 ft (305 m) upstream at same datum, and Sept. 1, 1953, to Aug. 15, 1965, at site 120 ft (37 m) downstream at same datum.

AVERAGE DISCHARGE.--29 years, 446 ft^3/s (12.63 m^3/s), 18.64 in/yr (473 mm/yr).

EXTREMES.--Current year: Maximum discharge, 10,100 ft^3/s (286 m^3/s) Apr. 15 (gage height, 13.25 ft or 4.039 m); minimum, 32 ft^3/s (0.91 m^3/s) Oct. 12, 13, 14.
Period of record: Maximum discharge, 55,100 ft^3/s (1,560 m^3/s) Apr. 9, 1964 (gage height, 26.45 ft or 8.062 m); minimum, 6.4 ft^3/s (0.18 m^3/s) Sept. 8, Oct. 8, 1954, and Sept. 23, 1956.

REMARKS.--Records good except those for period of no gage-height record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	86	41	575	356	436	723	692	662	542	320	1,500	80
2	63	41	394	328	431	857	724	488	425	209	900	70
3	54	40	244	307	452	753	1,600	430	455	161	600	65
4	44	41	185	421	479	614	2,210	400	252	157	900	60
5	43	46	160	499	629	561	955	375	189	181	1,500	70
6	39	56	143	399	759	528	650	345	157	157	2,200	100
7	37	67	172	345	655	513	560	390	145	850	3,200	90
8	36	71	316	1,010	549	548	518	530	133	1,710	3,000	74
9	34	65	289	2,440	476	509	494	524	157	864	1,000	78
10	34	58	208	1,860	462	458	644	435	380	488	700	85
11	34	59	180	2,350	434	471	787	385	465	620	600	66
12	34	80	167	2,920	468	512	662	405	1,180	738	500	66
13	32	97	157	2,000	482	582	512	360	731	724	1,000	68
14	32	105	144	1,220	416	3,860	3,430	300	385	395	700	63
15	34	84	516	754	380	3,290	8,530	315	266	320	300	55
16	58	74	881	612	707	3,400	3,690	415	217	270	200	50
17	70	74	516	543	6,570	4,930	1,780	815	193	200	180	71
18	80	125	313	498	7,310	3,690	1,210	787	169	170	160	217
19	69	153	386	477	3,960	5,860	969	506	149	160	150	638
20	58	170	988	501	3,660	3,610	829	360	173	200	140	335
21	49	210	887	533	1,890	1,920	710	300	305	200	170	197
22	44	186	561	463	1,190	1,440	638	266	315	160	220	157
23	41	140	401	507	1,230	1,250	590	239	252	150	170	189
24	40	110	702	969	3,110	1,560	560	213	181	250	130	395
25	39	92	1,360	1,170	3,030	3,020	536	201	145	500	100	482
26	39	81	901	1,030	1,350	2,120	506	295	117	600	100	345
27	39	75	554	733	919	1,180	488	243	117	700	120	239
28	39	65	453	575	766	920	465	197	137	600	100	201
29	42	60	421	524	------	829	455	177	145	450	90	177
30	43	239	396	490	------	794	724	217	243	1,500	80	165
31	41	------	374	454	------	780	------	234	------	2,500	90	------
TOTAL	1,427	2,805	13,944	27,288	43,200	52,082	37,118	11,809	8,720	16,504	20,800	4,948
MEAN	46.0	93.5	450	880	1,543	1,680	1,237	381	291	532	671	165
MAX	86	239	1,360	2,920	7,310	5,860	8,530	815	1,180	2,500	3,200	638
MIN	32	40	143	307	380	458	455	177	117	150	80	50
CFSM	.14	.29	1.38	2.71	4.75	5.17	3.81	1.17	.90	1.64	2.06	.51
IN.	.16	.32	1.60	3.12	4.94	5.96	4.25	1.35	1.00	1.89	2.38	.57

CAL YR 1974 TOTAL 126,093 MEAN 345 MAX 3,120 MIN 19 CFSM 1.06 IN 14.43
WTR YR 1975 TOTAL 240,645 MEAN 659 MAX 8,530 MIN 32 CFSM 2.03 IN 27.54

PEAK DISCHARGE (BASE, 4,500 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-18	0600	12.53	9,430	3-19	1400	9.74	6,870
3-14	2300	7.90	5.330	4-15	1300	13.25	10,100
3-17	0800	8.46	5,790				

NOTE.--No gage-height record July 18 to Sept. 7.

02342933 South Fork Cowikee Creek near Batesville, Ala.

LOCATION.--Lat 32°01'03", long 85°17'45", in SE¼ sec. 14, T. 12 N., R. 27 E., Barbour County, on left bank at downstream side of bridge on county road, 0.1 mi (0.2 km) downstream from Bear Creek, 1.2 mi (1.9 km) northeast of Batesville, 11.2 mi (18.0 km) northwest of Eufaula, and 13.0 mi (20.9 km) upstream from mouth.

DRAINAGE AREA.--114 mi^2 (295 km^2).

PERIOD OF RECORD.--October 1963 to September 1971. Annual maximums, water years 1972-74. October 1974 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 200 ft (61 m) from topographic map.

AVERAGE DISCHARGE.--9 years, 143 ft^3/s (4.05 m^3/s), 17.03 in/yr (433 mm/yr).

EXTREMES.--Current year: Maximum discharge, 18,100 ft^3/s (513 m^3/s) Feb. 17 (gage height, 37.08 ft or 11.302 m); minimum daily, 11 ft^3/s (0.312 m^3/s) Oct. 13-14.
Period of record: Maximum discharge, 18,100 ft^3/s (513 m^3/s) Feb. 17, 1975 (gage height, 37.08 ft or 11.302 m); minimum, 0.6 ft^3/s (0.017 m^3/s) Sept. 11, 12, 13, 14, 15, 16, 1968.

REMARKS.--Records good except those for periods of no gage-height record, which are poor. Maximum discharge: Water year 1973, 12,200 ft^3/s (346 m^3/s) Mar. 31, 1973 (gage height, 27.4 ft or 8.35 m); water year 1974, 3,370 ft^3/s (95.4 m^3/s) Feb. 8, 1974 (gage height, 10.12 ft or 3.085 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	15	250	70	90	114	146	114	97	84	753	24
2	22	15	100	70	85	141	125	81	159	38	310	22
3	19	15	70	65	80	86	231	68	104	39	161	19
4	16	15	50	65	75	76	143	64	48	43	232	18
5	15	16	45	200	100	74	100	54	37	46	209	16
6	14	19	43	52	350	68	83	55	33	31	1,330	37
7	13	23	80	47	250	79	75	76	33	242	2,300	86
8	13	30	200	600	130	243	72	217	30	77	373	46
9	12	21	70	701	90	90	89	160	118	49	194	38
10	12	17	60	337	82	83	1,630	90	435	545	136	27
11	12	20	50	1,660	86	67	1,050	74	417	745	130	23
12	12	28	45	1,200	265	66	272	116	613	192	112	28
13	11	37	42	1,400	154	95	153	375	338	79	233	25
14	11	27	41	400	101	1,240	3,320	421	124	132	98	23
15	16	24	150	150	85	235	2,420	530	81	98	75	20
16	25	20	350	130	2,760	2,040	433	564	67	58	62	20
17	40	35	160	110	14,600	873	309	573	52	53	52	28
18	25	45	100	100	3,230	2,410	233	316	45	49	45	58
19	20	33	90	90	922	1,430	186	144	64	42	43	42
20	18	60	400	90	468	389	154	92	74	45	40	30
21	15	120	300	110	290	277	127	68	70	52	58	34
22	14	60	150	80	216	248	109	60	46	44	58	31
23	14	40	120	90	385	237	96	49	35	40	42	218
24	14	31	150	200	1,870	627	87	42	30	111	35	401
25	14	26	600	500	358	556	84	38	27	111	29	153
26	14	22	300	300	202	252	79	148	27	182	33	95
27	14	20	150	200	152	193	74	236	26	204	32	71
28	14	17	100	170	129	168	70	68	30	77	26	57
29	14	16	90	150	------	160	248	53	221	188	25	49
30	14	40	80	120	------	161	262	48	114	1,350	24	45
31	15	------	70	100	------	151	------	78	------	1,460	26	------
TOTAL	509	907	4,506	9,557	27,605	12,929	12,460	5,072	3,595	6,506	7,276	1,784
MEAN	16.4	30.2	145	308	986	417	415	164	120	210	235	59.5
MAX	40	120	600	1,660	14,600	2,410	3,320	573	613	1,460	2,300	401
MIN	11	15	41	47	75	66	70	38	26	31	24	16
CFSM	.14	.26	1.27	2.70	8.65	3.66	3.64	1.44	1.05	1.84	2.06	.52
IN.	.17	.30	1.47	3.12	9.01	4.22	4.07	1.66	1.17	2.12	2.37	.58

WTR YR 1975 TOTAL 92,706 MEAN 254 MAX 14,600 MIN 11 CFSM 2.23 IN 30.25

NOTE.--No gage-height record Oct. 1-28, Nov. 7 to Jan. 5.

PEAK DISCHARGE (BASE, 3,500 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-17	1800	37.08	18,100	4-14	1800	22.18	7,210
3-16	1400	14.46	3,580	8-07	0100	15.11	3,840
3-18	1700	16.41	4,360				

ANNUAL MAXIMUM DISCHARGE

WATER YEAR	DATE	TIME	G.HT.	DISCHARGE
1973	3-31	Unknown	27.4	12,200
1974	2-08	0600	10.12	3,370

02343300 Abbie Creek near Haleburg, Ala.

LOCATION.--Lat 31°28'24", long 85°09'45", in E½ sec. 19, T. 6 N., R. 29 E., Henry County, on right bank on downstream side of bridge on State Highway 95, 1.2 mi (1.9 km) upstream from Peterman Creek, 4.5 mi (7.2 km) northwest of Haleburg, 9 mi (14.5 km) southeast of Abbeville, and 7.8 mi (12.6 km) upstream from the mouth.

DRAINAGE AREA.--144 mi^2 (373 km^2).

PERIOD OF RECORD.--June 1958 to September 1971, October 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is 145.74 ft (44.422 m) above mean sea level.

AVERAGE DISCHARGE.--14 years, 210 ft^3/s (5.947 m^3/s), 19.81 in/yr (503 mm/yr).

EXTREMES.--Current year: Maximum discharge, 4,920 ft^3/s (139 m^3/s) Apr. 10 (gage height, 17.63 ft or 5.374 m); minimum daily, 66 ft^3/s (1.87 m^3/s) Oct. 15.
Period of record: Maximum discharge, 7,590 ft^3/s (215 m^3/s) Mar. 31, 1970 (gage height, 23.84 ft or 7.266 m); minimum, 18 ft^3/s (0.51 m^3/s) Sept. 12, 16, 1968 (gage height, 1.26 ft or 0.38 m).

REMARKS.--Records fair except those for periods of no gage-height record, which are poor.

REVISIONS (WATER YEARS).--WSP 2106: 1969(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	170	70	236	125	191	256	376	250	549	156	1,120	186
2	120	69	158	118	191	302	287	210	453	135	837	150
3	100	68	125	111	378	251	240	170	258	124	795	140
4	95	68	108	125	310	223	210	140	192	119	560	130
5	88	72	102	133	345	220	204	120	165	115	588	120
6	84	76	100	120	283	209	193	140	150	217	572	120
7	80	76	138	113	231	205	185	200	174	179	654	231
8	79	74	181	251	201	260	181	310	150	143	552	205
9	78	75	131	287	189	210	223	200	678	127	492	174
10	76	73	111	260	185	195	2,700	160	1,060	135	402	254
11	74	77	103	374	178	188	2,910	145	614	586	383	165
12	73	114	115	831	193	182	1,250	135	482	400	422	163
13	70	95	120	1,410	185	192	720	130	542	253	503	153
14	67	82	107	762	158	357	1,030	190	386	184	371	140
15	66	80	171	436	151	434	2,380	290	443	217	312	120
16	100	78	267	310	319	816	1,440	510	337	426	271	120
17	130	99	177	263	819	552	804	600	251	431	244	250
18	150	198	137	238	777	840	600	350	220	364	228	300
19	120	138	125	244	822	1,080	450	250	201	348	215	215
20	95	143	207	300	831	918	350	170	247	308	209	178
21	85	191	343	235	663	521	300	150	228	600	350	177
22	79	135	321	218	402	400	250	120	218	400	289	181
23	76	111	215	289	357	371	220	110	193	388	235	231
24	74	101	168	378	630	362	200	137	168	256	205	249
25	72	102	157	369	482	717	185	129	157	217	193	202
26	71	100	147	352	388	666	170	151	150	531	249	182
27	70	92	138	277	304	400	160	251	160	572	201	170
28	70	90	135	242	267	308	150	212	167	388	191	158
29	70	89	135	220	------	281	250	157	192	426	262	184
30	69	151	132	207	------	279	400	253	171	981	213	249
31	70	------	127	198	------	285	------	614	------	1,420	193	------
TOTAL	2,721	2,987	4,937	9,796	10,430	12,480	19,018	6,954	9,356	11,146	12,311	5,497
MEAN	87.8	99.6	159	316	373	403	634	224	312	360	397	183
MAX	170	198	343	1,410	831	1,080	2,910	614	1,060	1,420	1,120	300
MIN	66	68	100	111	151	182	150	110	150	115	191	120
CFSM	.61	.69	1.10	2.19	2.59	2.80	4.40	1.56	2.17	2.50	2.76	1.27
IN.	.70	.77	1.28	2.53	2.69	3.22	4.91	1.80	2.42	2.88	3.18	1.42

WTR YR 1975 TOTAL 107,633 MEAN 295 MAX 2,910 MIN 66 CFSM 2.05 IN 27.81

PEAK DISCHARGE (BASE, 1,250 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-13	0400	8.94	1,850	6-09	1700	8.44	1,700
4-10	2100	17.63	4,920	7-15	2200	7.09	1,290
4-15	0700	12.45	2,980	7-31	0400	8.03	1,580

NOTE.--No gage-height record Oct. 1-29 and Apr. 18 to May 23.

CHOCTAWHATCHEE RIVER MAIN STEM

02361000 Choctawhatchee River near Newton, Ala.

LOCATION.--Lat 31°20'30", long 85°36'43", in SE¼ sec. 2, T. 4 N., R. 24 E., Dale County, on left bank at downstream side of bridge on State Highway 123, 200 ft (61 m) downstream from abandoned milldam, 1,500 ft (457 m) upstream from Hurricane Creek, 0.8 mi (1.3 km) north of Newton, 1 mi (1.6 km) downstream from Atlantic Coast Line Railroad bridge, and at mile 133.0 (214.0 km).

DRAINAGE AREA.--683 mi^2 (1,769 km^2).

PERIOD OF RECORD.--June 1906 to August 1908, October 1911 to August 1912 (gage heights only), November 1921 to September 1927, May 1935 to current year. Monthly discharge only for period January to April 1925, published in WSP 1304. Gage-height records collected near same site from 1931 to December 1971 are contained in reports of the National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 138.56 ft (42.23 m) above mean sea level. See WSP 1304 or 1724 for history of changes prior to Sept. 9, 1938.

AVERAGE DISCHARGE.--45 years (1922-27, 1935-74), 978 ft^3/s (27.70 m^3/s), 19.45 in/yr (494 mm/yr).

EXTREMES.--Current year: Maximum discharge, 16,700 ft^3/s (473 m^3/s) Apr. 11 (gage height, 28.71 ft or 8.751 m); minimum, 238 ft^3/s (6.74 m^3/s) Oct. 15, Nov. 3, 4.

Period of record: Maximum discharge, 25,800 ft^3/s (731 m^3/s) Jan. 20, 1936; maximum gage height, 29.6 ft (9.02 m) May 4, 1953; minimum daily, 61 ft^3/s (1.73 m^3/s) Sept. 8, 1954.

Maximum stage since 1900, 42 ft (12.8 m) present site and datum, Mar. 15, 1929, from information furnished by State Highway Department (discharge not determined).

REMARKS.--Records fair. Prior to January 1941, moderate diurnal fluctuation at low flow caused by gristmills above station.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	538	245	1,210	647	876	1,360	1,510	1,030	2,080	1,030	6,330	516
2	433	242	1,150	629	836	1,390	1,390	1,090	1,750	660	5,540	479
3	371	240	1,000	605	1,170	1,330	1,220	1,030	1,500	580	3,470	441
4	336	239	755	635	1,310	1,230	1,140	993	1,040	560	2,480	416
5	316	245	629	654	1,640	1,170	1,150	920	796	570	3,380	393
6	303	258	518	638	1,540	1,080	1,050	943	626	490	3,050	393
7	296	270	512	620	1,320	1,000	985	948	573	505	3,190	704
8	283	276	654	1,120	1,080	1,160	906	998	597	507	3,100	798
9	279	279	608	1,570	916	1,160	1,450	1,060	830	463	2,650	615
10	271	279	554	1,470	832	1,050	12,800	980	2,350	435	2,340	716
11	265	283	527	1,880	797	1,000	15,700	943	2,090	612	1,900	785
12	256	361	524	2,800	829	973	13,100	862	2,540	967	1,830	526
13	249	415	530	4,050	835	905	7,520	783	3,220	1,010	1,600	481
14	243	417	509	3,050	815	2,250	4,800	729	2,670	1,120	1,400	449
15	239	378	678	2,450	774	2,330	9,250	893	2,680	847	1,260	412
16	343	337	1,240	1,910	1,200	3,150	10,800	1,000	2,290	714	1,100	389
17	466	326	1,240	1,510	3,400	3,310	7,940	1,470	1,390	1,040	941	584
18	468	425	1,030	1,250	4,930	4,250	3,850	1,390	1,060	1,700	822	1,120
19	422	440	836	1,170	8,240	6,690	2,670	1,210	871	1,260	752	948
20	346	484	1,390	1,390	8,320	7,060	2,240	1,040	813	1,400	696	749
21	301	708	1,940	1,280	6,150	4,680	1,930	875	1,110	2,350	1,170	815
22	277	757	1,610	1,150	3,520	2,690	1,700	747	1,360	2,190	1,160	818
23	265	619	1,420	1,300	2,330	2,130	1,520	621	1,040	1,740	822	1,020
24	259	527	1,040	1,840	2,720	2,210	1,400	512	985	1,490	689	1,580
25	254	439	872	1,870	2,530	3,420	1,330	472	792	1,070	623	1,560
26	250	404	825	1,790	2,250	3,330	1,260	525	692	2,380	915	1,220
27	249	367	766	1,550	1,930	2,690	1,190	777	890	1,520	775	1,050
28	245	353	731	1,330	1,590	2,010	1,120	761	844	1,180	684	927
29	243	341	710	1,140	------	1,600	1,040	716	873	1,540	616	807
30	244	545	682	1,010	------	1,450	988	938	760	3,190	578	957
31	245	------	661	932	------	1,410	------	2,440	------	5,900	557	------
TOTAL	9,555	11,499	27,351	45,240	64,680	71,468	114,949	29,696	41,112	41,020	56,420	22,668
MEAN	308	383	882	1,459	2,310	2,305	3,832	958	1,370	1,323	1,820	756
MAX	538	757	1,940	4,050	8,320	7,060	15,700	2,440	3,220	5,900	6,330	1,580
MIN	239	239	509	605	774	905	906	472	573	435	557	389
CFSM	.45	.56	1.29	2.14	3.38	3.37	5.61	1.40	2.01	1.94	2.66	1.11
IN.	.52	.63	1.49	2.46	3.52	3.89	6.26	1.62	2.24	2.23	3.07	1.23

CAL YR 1974 TOTAL 388,663 MEAN 1,065 MAX 9,160 MIN 180 CFSM 1.56 IN 21.17
WTR YR 1975 TOTAL 535,658 MEAN 1,468 MAX 15,700 MIN 239 CFSM 2.15 IN 29.17

PEAK DISCHARGE (BASE, 5,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-19	1400	19.92	8,650	4-16	1100	22.88	11,100
3-20	0500	18.02	7,560	8-01	2100	16.19	6,530
4-11	0900	28.71	16,700				

02361000 Choctawhatchee River near Newton, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.64	2.58	5.42	3.75	4.54	6.42	6.75	5.58	7.90	5.57	15.84	4.23
2	3.28	2.57	5.29	3.68	4.44	6.49	6.49	5.73	7.22	4.52	14.41	4.09
3	3.07	2.56	4.95	3.59	5.22	6.34	6.07	5.57	6.69	4.27	10.66	3.96
4	2.94	2.56	4.31	3.68	5.55	6.09	5.87	5.47	5.55	4.20	8.82	3.85
5	2.86	2.58	3.91	3.74	6.22	5.96	5.89	5.26	4.90	4.23	10.49	3.76
6	2.81	2.63	3.54	3.68	6.03	5.71	5.62	5.32	4.38	3.96	9.90	3.75
7	2.78	2.68	3.51	3.61	5.59	5.50	5.46	5.33	4.22	4.02	10.17	4.79
8	2.73	2.70	3.98	4.84	5.10	5.92	5.24	5.46	4.30	4.02	10.01	5.07
9	2.72	2.72	3.82	5.85	4.71	5.92	6.39	5.62	4.95	3.87	9.19	4.51
10	2.68	2.71	3.63	5.66	4.50	5.64	24.70	5.41	8.48	3.77	8.58	4.80
11	2.66	2.73	3.53	6.49	4.41	5.51	28.35	5.29	7.97	4.35	7.70	5.00
12	2.63	3.03	3.51	8.27	4.50	5.42	25.23	5.07	8.88	5.41	7.55	4.21
13	2.60	3.22	3.52	10.66	4.53	5.24	17.73	4.84	10.12	5.53	7.08	4.04
14	2.57	3.22	3.44	8.84	4.47	8.27	13.00	4.67	9.12	5.81	6.64	3.92
15	2.56	3.09	3.93	7.65	4.35	8.46	20.65	5.14	9.11	5.07	6.31	3.78
16	2.96	2.95	5.37	6.58	5.28	9.98	22.58	5.42	8.36	4.68	5.90	3.68
17	3.39	2.90	5.36	5.80	9.71	10.29	18.51	6.60	6.47	5.59	5.48	4.31
18	3.39	3.25	4.90	5.29	13.22	12.00	11.28	6.40	5.67	7.16	5.17	5.90
19	3.24	3.30	4.39	5.13	19.22	16.43	9.12	5.96	5.14	6.17	4.96	5.44
20	2.98	3.45	5.55	5.57	19.37	17.11	8.28	5.51	4.97	6.50	4.80	4.86
21	2.81	4.16	6.73	5.36	15.46	12.79	7.65	5.06	5.79	8.43	6.09	5.04
22	2.71	4.31	6.07	5.11	10.68	9.14	7.16	4.69	6.39	8.14	6.08	5.05
23	2.66	3.89	5.67	5.43	8.46	8.06	6.78	4.29	5.59	7.24	5.19	5.57
24	2.63	3.59	4.87	6.51	9.21	8.17	6.51	3.95	5.46	6.70	4.80	6.95
25	2.62	3.30	4.45	6.59	8.87	10.48	6.33	3.81	4.91	5.68	4.60	6.90
26	2.60	3.18	4.31	6.43	8.30	10.32	6.16	3.98	4.61	8.57	5.46	6.09
27	2.60	3.06	4.13	5.96	7.64	9.17	5.99	4.79	5.19	6.79	5.07	5.65
28	2.58	3.01	4.02	5.53	6.93	7.81	5.81	4.76	5.07	5.99	4.79	5.32
29	2.57	2.96	3.96	5.16	------	6.96	5.62	4.62	5.14	6.85	4.58	4.98
30	2.58	3.60	3.87	4.86	------	6.62	5.47	5.21	4.82	10.04	4.45	5.39
31	2.58	------	3.80	4.68	------	6.53	------	8.59	------	15.04	4.38	------
MAX	3.64	4.31	6.73	10.66	19.37	17.11	28.35	8.59	10.12	15.04	15.84	6.95
MIN	2.56	2.56	3.44	3.59	4.35	5.24	5.24	3.81	4.22	3.77	4.38	3.68

CAL YR 1974 MAX 19.28 MIN 2.44
WTR YR 1975 MAX 28.35 MIN 2.56

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.98	2.60	3.44	13.56	9.10	5.64	6.68	3.87	3.18	2.47	2.97	3.32
2	3.38	2.63	3.24	19.28	8.39	5.56	6.82	3.81	3.25	2.52	2.71	3.37
3	3.40	2.64	3.13	17.36	8.01	5.48	7.73	3.77	3.56	2.63	3.10	3.81
4	3.32	2.64	3.14	10.81	7.61	5.39	7.67	3.73	3.66	3.05	3.27	3.38
5	3.18	2.67	5.10	8.65	7.11	5.29	14.48	4.38	3.59	3.28	3.29	3.11
6	2.98	2.70	5.53	7.55	6.69	5.21	16.56	5.16	3.48	3.61	3.84	3.22
7	2.82	2.72	4.97	6.96	14.03	5.15	14.02	4.96	4.90	3.65	3.42	3.45
8	2.73	2.74	4.56	6.54	16.78	5.08	10.10	4.67	5.48	3.20	3.39	3.79
9	2.66	2.74	4.14	6.24	12.45	4.97	10.29	4.26	5.27	2.93	3.77	4.21
10	2.61	2.78	3.61	6.02	9.88	4.93	8.40	3.90	5.74	2.77	3.51	4.97
11	2.57	2.71	3.37	6.34	8.54	4.85	7.51	3.90	6.25	2.63	3.22	4.98
12	2.53	2.69	3.25	6.85	7.75	4.78	6.95	4.86	4.95	2.52	3.58	4.80
13	2.51	2.70	3.22	6.03	7.11	4.71	6.69	4.67	4.17	2.44	3.35	4.19
14	2.50	2.73	3.22	5.65	6.77	4.60	6.44	4.40	4.39	2.67	3.10	3.58
15	2.51	2.78	3.32	5.51	6.70	4.53	6.66	3.81	3.77	2.62	3.53	3.14
16	2.50	3.03	3.77	5.37	7.43	4.61	6.44	3.81	4.20	2.44	4.69	3.00
17	2.53	3.02	3.59	5.24	7.20	4.62	6.06	4.32	4.03	2.51	3.99	2.90
18	2.50	2.94	3.37	5.14	6.75	4.49	5.72	5.26	3.44	3.20	3.60	2.83
19	2.47	2.89	3.21	5.04	7.97	4.73	5.41	4.63	3.20	2.90	3.20	2.75
20	2.45	2.84	3.51	4.96	7.72	6.21	5.19	4.27	3.05	2.76	2.98	2.69
21	2.45	3.20	3.95	5.88	6.70	6.02	4.92	3.92	2.96	2.64	3.22	2.64
22	2.43	4.17	3.87	7.51	7.98	6.32	4.75	3.71	2.93	2.51	3.06	2.96
23	2.41	4.10	3.69	8.44	8.00	6.17	4.69	3.77	2.95	2.46	2.89	3.10
24	2.41	3.80	3.50	8.18	7.36	5.83	4.58	3.81	2.85	2.75	2.66	3.00
25	2.40	3.59	3.39	7.79	6.88	6.04	4.44	3.81	2.79	2.99	2.61	2.86
26	2.40	3.39	10.29	7.11	6.44	6.12	4.31	3.82	2.73	2.82	2.64	2.85
27	2.40	3.24	11.37	8.24	6.04	6.08	4.20	3.99	2.67	2.90	4.15	7.04
28	2.42	3.96	10.15	10.22	5.77	7.25	4.11	3.77	2.62	3.14	3.24	6.39
29	2.45	4.05	8.41	10.11	------	7.33	4.02	3.70	2.56	3.50	3.34	5.18
30	2.43	3.69	8.87	10.62	------	7.27	3.95	3.55	2.52	3.22	3.04	4.37
31	2.47	------	9.11	10.19	------	7.12	------	3.33	------	3.75	2.84	------
MAX	3.40	4.17	11.37	19.28	16.78	7.33	16.56	5.26	6.25	3.75	4.69	7.04
MIN	2.40	2.60	3.13	4.96	5.77	4.49	3.95	3.33	2.52	2.44	2.61	2.64

CAL YR 1973 MAX 22.75 MIN 2.60
WTR YR 1974 MAX 19.28 MIN 2.40

02361000 Choctawhatchee River near Newton, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.37	2.62	3.08	12.56	5.63	5.08	22.75	7.29	9.42	3.51	3.61	2.77
2	2.51	2.51	3.02	12.53	6.23	5.02	21.21	6.53	8.55	3.52	4.13	2.88
3	2.47	2.53	2.97	11.63	6.41	5.38	16.33	6.16	7.51	3.49	4.87	3.19
4	2.37	2.50	2.95	9.99	5.99	5.26	14.29	6.11	6.42	3.47	4.21	3.13
5	2.26	2.46	2.98	8.14	5.69	5.24	11.53	6.09	5.96	3.42	3.71	2.95
6	2.19	2.69	8.32	7.10	5.37	5.73	9.71	5.72	5.76	3.52	3.50	2.82
7	2.13	2.78	14.16	6.56	5.12	6.15	10.25	5.53	5.98	3.60	3.41	2.90
8	2.07	2.65	17.25	8.35	5.20	6.65	11.78	6.00	6.70	3.47	3.42	2.90
9	2.03	2.69	12.56	8.69	8.53	7.07	15.65	7.24	6.79	3.32	3.56	2.73
10	1.99	2.74	7.95	7.93	10.93	6.62	10.66	6.58	6.61	3.28	3.41	2.84
11	1.95	2.69	6.18	7.36	9.74	6.02	9.20	6.03	6.47	3.72	3.34	3.28
12	1.92	2.61	5.43	6.75	9.10	16.98	8.00	5.52	6.72	3.70	3.14	3.25
13	1.91	2.73	5.02	6.07	8.39	22.63	7.40	5.07	6.69	3.34	3.03	3.58
14	1.93	5.46	4.87	5.63	9.96	15.02	6.99	4.72	6.06	3.79	2.95	3.68
15	1.94	4.82	5.28	5.38	11.37	9.31	6.71	4.50	6.38	3.78	2.88	4.74
16	1.92	4.10	4.99	5.18	10.46	8.13	6.49	4.33	5.82	3.66	2.99	3.75
17	1.92	3.53	4.66	5.06	9.09	10.74	6.29	4.21	5.62	3.38	3.14	3.30
18	1.94	3.18	4.41	4.96	7.90	9.37	6.17	4.12	5.17	3.37	4.03	3.30
19	1.95	3.37	4.24	6.56	7.01	8.25	6.77	4.05	5.08	4.30	3.83	3.22
20	1.93	4.19	4.10	6.09	6.45	7.98	6.59	4.01	4.75	3.82	3.38	3.09
21	1.89	3.87	5.21	5.99	6.11	7.70	6.27	3.97	5.14	3.58	3.16	2.94
22	1.90	3.52	7.90	10.61	5.87	6.98	5.94	3.95	5.25	3.39	2.93	2.82
23	1.92	3.30	8.98	9.12	5.71	6.46	5.65	3.89	4.80	3.23	2.78	2.74
24	2.11	3.10	6.89	7.78	5.55	6.15	5.45	3.93	4.54	3.13	2.70	2.66
25	2.36	3.12	5.85	7.18	5.46	7.50	5.35	4.51	4.20	3.07	2.64	2.61
26	2.42	3.48	5.37	7.52	5.45	7.67	9.07	9.82	3.98	3.49	2.63	2.80
27	2.68	3.55	4.82	7.81	5.34	7.06	15.01	20.71	3.83	3.83	2.61	3.77
28	3.17	3.45	4.56	7.78	5.20	6.62	16.16	16.00	3.72	5.73	2.63	3.68
29	3.29	3.35	4.45	7.46	------	7.07	12.62	18.65	3.65	5.97	2.69	3.18
30	3.09	3.18	4.32	6.59	------	9.57	8.93	18.49	3.60	5.02	2.79	2.97
31	2.85	------	6.41	5.92	------	19.24	------	12.59	------	4.20	2.80	------
MAX	3.29	5.46	17.25	12.56	11.37	22.63	22.75	20.71	9.42	5.97	4.87	4.74
MIN	1.89	2.46	2.95	4.96	5.12	5.02	5.35	3.89	3.60	3.07	2.61	2.61

CAL YR 1972 MAX 17.25 MIN 1.80
WTR YR 1973 MAX 22.75 MIN 1.89

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.87	2.89	6.82	4.93	6.05	5.40	5.54	3.10	2.63	3.86	2.60	2.23
2	2.83	2.92	5.79	5.67	6.92	6.11	5.06	3.09	2.57	3.50	2.68	2.06
3	2.79	2.95	8.84	6.27	7.96	8.96	4.66	3.00	2.52	3.28	2.62	2.00
4	2.75	2.99	8.91	5.92	8.94	9.59	4.42	2.99	2.46	3.19	2.60	1.96
5	2.72	2.97	8.00	7.31	8.37	8.62	4.27	2.93	2.43	3.05	2.51	1.93
6	2.70	2.95	7.04	6.59	7.39	7.41	4.19	2.94	2.39	2.97	2.43	1.92
7	2.71	2.88	7.27	5.93	9.31	6.37	4.11	2.88	2.35	2.92	2.35	2.36
8	2.69	2.81	6.64	5.55	9.85	6.44	4.05	4.88	2.31	2.87	2.26	2.49
9	2.66	2.77	5.76	5.19	9.03	6.70	3.95	6.98	2.27	2.78	2.21	2.44
10	2.66	2.79	5.34	5.06	7.99	6.28	3.86	6.59	2.24	2.68	2.21	2.32
11	2.64	2.81	5.29	5.10	6.87	5.94	3.81	5.24	2.30	2.58	2.15	2.20
12	2.60	2.81	5.15	5.62	6.57	5.69	3.77	4.49	2.51	2.51	2.14	2.11
13	2.58	2.81	4.93	6.57	7.34	5.37	3.74	4.03	2.44	2.46	2.22	2.04
14	2.58	2.81	4.93	9.79	7.73	5.15	3.67	4.41	2.36	2.42	2.63	1.98
15	2.61	2.81	4.75	10.03	7.19	5.05	3.58	4.47	2.30	2.54	2.44	1.94
16	2.65	2.81	4.56	9.32	7.00	5.45	3.50	4.05	2.25	2.89	2.28	1.90
17	2.75	2.81	4.49	7.53	6.85	6.15	3.43	3.70	2.18	2.92	2.26	1.86
18	3.21	2.81	4.45	6.24	6.50	5.66	3.35	3.95	2.14	2.92	2.23	1.86
19	3.00	2.81	4.39	5.76	6.19	5.49	3.28	3.52	2.67	2.81	2.21	1.86
20	2.86	2.81	9.20	5.57	5.83	5.24	3.23	3.26	8.05	2.71	2.13	1.85
21	2.83	2.83	14.93	5.61	5.47	4.91	3.18	3.15	8.07	2.60	2.06	1.84
22	2.92	2.80	13.79	5.78	5.24	4.73	3.41	3.07	7.47	2.49	2.01	1.84
23	3.08	2.78	11.79	5.88	5.13	4.59	4.11	2.98	5.66	2.40	1.99	1.83
24	3.20	2.82	8.14	5.61	5.08	4.47	4.10	2.90	4.57	2.38	2.07	1.80
25	3.24	2.94	6.60	5.39	5.04	4.43	3.80	2.85	3.98	2.53	2.09	1.81
26	3.15	2.99	5.99	5.11	5.07	4.48	3.45	2.79	5.27	3.63	2.25	1.83
27	3.03	3.03	5.65	4.89	6.06	4.44	3.20	2.74	6.13	3.26	2.36	1.89
28	2.94	3.22	5.43	4.75	6.14	5.05	3.06	2.69	6.84	3.22	2.51	1.98
29	2.88	6.97	5.28	4.87	5.64	5.46	2.99	2.67	5.11	2.93	2.31	1.96
30	2.85	7.81	5.12	5.83	------	5.22	2.99	2.68	4.42	2.66	2.16	2.10
31	2.86	------	5.01	5.94	------	5.75	------	2.67	------	2.59	2.33	------
MAX	3.24	7.81	14.93	10.03	9.85	9.59	5.54	6.98	8.07	3.86	2.68	2.49
MIN	2.58	2.77	4.39	4.75	5.04	4.43	2.99	2.67	2.14	2.38	1.99	1.80

CAL YR 1971 MAX 14.93 MIN 2.58
WTR YR 1972 MAX 14.93 MIN 1.80

CHOCTAWHATCHEE RIVER MAIN STEM

02362000 (NWS 01-3255-07) Choctawhatchee River near Geneva, Ala.

LOCATION.--Lat 31°02', long 85°52', in SW¼ sec. 21, T. 1 N., R. 22 E., Geneva County, on downstream side of State Highway 52 bridge, 1 mi (1.6 km) northeast of Geneva, 1.4 mi (2.2 km) upstream from Pea River.

DRAINAGE AREA.--1,347 mi^2 (3,489 km^2).

PERIOD OF RECORD.--November 1928 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. November 1928 to December 1971 in reports of National Weather Service. See WSP 1304 for discharge records for June 1922 to November 1926 and gage heights and discharge measurements only from August to December 1904.

GAGE.--Nonrecording gage. Datum of gage is 62.80 ft (19.141 m) above mean sea level. Prior to Apr. 11, 1967, nonrecording gage located on highway bridge 30 ft (9 m) upstream from present site at same datum.

EXTREMES.--Maximum and minimum gage heights (at 0700) for the water years 1972-75 are contained in the following table:

Water year	Maximum			Minimum		
	Date	Gage height (feet)	Gage height (metres)	Date	Gage height (feet)	Gage height (metres)
1972	Dec. 24, 1971, and Mar. 9,10, 1972	12.3	3.75	Sept. 9, 1972	2.0	0.61
1973	Apr. 3, 4, and May 30,31, 1973	24.3	7.41	Oct. 23, 1972	2.2	0.67
1974	Feb. 9, 1974	23.8	7.25	July 18 and Aug. 26, 1974	2.1	0.64
1975	Apr. 12, 1975	34.1	10.39	Oct. 27-29, and Nov. 1-5, 10, 1974	1.8	0.55

Period of record: Maximum, 46.9 ft (14.30 m) Mar. 16, 1929; minimum, 0.9 ft (0.27 m) Sept. 24, 1941.

COOPERATION.--Records furnished by National Weather Service.

REVISIONS.--The gage zero has been erroneously listed as 61.08 ft (18.617 m) above mean sea level in prior records and should be corrected to 62.80 ft (19.141 m). (Corrected before publishing by USGS.)

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.10	1.80		4.60	5.90	11.60	10.00	7.80		8.10	23.10	10.70
2	2.60	1.80		4.40	5.60	10.40	10.00	9.00		7.00	25.80	
3	2.40	1.80	6.20	4.30	5.50	9.20	8.70	9.00		6.00	26.00	
4	2.20	1.80	5.70	4.30	7.00	8.60	9.00	8.70		5.30	22.80	
5	2.20	1.80	5.00	4.00	5.60	8.40	7.60	8.90		5.00		
6	2.10	1.90	4.60	4.90	6.20	9.00	7.40	8.90		5.30		
7	3.00	3.00	4.30	4.30	7.40	7.70	8.00	8.60		5.10		
8	2.90	3.00	4.80	4.60	6.80	7.40	6.80	9.00		5.50		
9	2.90	3.00	5.00	6.60	6.60	7.10	6.60	9.00		5.50		
10	1.90	1.80	4.60	7.50	5.80	7.60	18.20	9.00		5.30		
11	1.90	1.90	4.30	7.60	5.60	7.40	32.60	7.20		5.70		
12	1.80	2.10	4.20	8.50	5.50	8.00	34.10	7.50		6.70		
13	1.80	2.50	4.30	10.60	5.70	6.90	31.20	7.50		6.70		
14	1.90	2.50	4.20	11.80	5.70	7.20	28.70	8.00		6.40		
15	3.00	2.50	4.20	13.90	5.40	10.30	26.10	7.20		6.50		
16	4.00	2.40	5.20	11.50	5.20	11.90	26.50			6.30		
17	3.20	2.30	6.60	9.80	7.90	12.40	26.40			7.10		
18	2.80	2.20	6.50	7.80	10.50	14.30	25.30			7.90		
19	2.70	3.30	6.10	6.50	14.10	15.90	23.20			7.80		
20	2.30	3.20	5.50	7.30	16.80	20.00	20.50			7.70		
21	2.20	3.60	6.90	7.60	19.80	20.60	17.80			7.40		
22	3.00	4.00	8.40	7.20	21.80	20.50	16.00			7.80		
23	1.90	3.80	7.60	6.70	22.70	20.00	14.50			9.20		
24	1.90	3.40	6.70	7.30	21.80	16.90	10.80			8.20		
25	2.00	4.00	5.90	8.30	19.50	15.50	10.10			7.20		
26	1.90	2.80	5.60	8.70	17.30	14.20	9.40		7.30	6.80		
27	1.80	2.70	5.50	8.30	15.20	13.50	9.20		7.60	7.60		
28	1.80	2.50	5.00	7.40	13.00	12.40	8.80		8.00	8.50		
29	1.80	2.40	4.90	7.00	------	12.00	8.50		7.10	8.60		
30	1.90	2.40	4.80	6.60	------	9.80	8.20		7.70	13.00		
31		------	4.70	6.30	------	9.20	------		------	17.80		------
MAX	4.00	4.00	7.60	13.90	22.70	20.60	34.10			17.80	26.00	
MIN	1.80	1.80	-	4.00	5.20	6.90	0			5.00		

CAL YR 1974 MAX 23.8 MIN 1.8
WTR YR 1975 MAX 34.1 MIN 1.8

CHOCTAWHATCHEE RIVER MAIN STEM

02362000 (NWS 01-3255-07) Choctawhatchee River near Geneva, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.60	3.40	5.90	14.20	14.20	9.10	9.30	4.50	3.30	2.20	3.60	3.10
2	4.70	3.70	4.60	18.70	18.70	7.40	9.30	4.40	3.30	2.20	4.00	3.10
3	5.20	3.50	4.30	22.90	12.30	7.40	11.30	4.30	3.50	2.40	4.00	3.40
4	6.00	3.50	4.10	22.90	11.40	7.20	13.30	4.20	3.20	2.60	3.60	4.20
5	4.60	3.60	4.40	19.70	10.20	8.00	13.60	4.20	3.70	4.00	3.50	3.50
6	4.40	3.70	7.20	15.40	10.00	6.80	16.20	5.40	5.00	4.30	4.10	4.00
7	4.10	3.50	7.50	12.30	11.40	6.60	18.50	5.90	3.70	5.00	4.60	4.00
8	4.00	3.60	6.60	10.70	19.60	6.60	17.80	5.50	5.80	3.90	3.80	3.20
9	3.80	3.60	5.80	9.70	23.80	6.40	16.50	5.10	5.80	3.40	3.50	4.10
10	3.80	3.60	5.30	9.00	22.40	6.30	14.40	4.60	5.80	2.90	4.00	5.10
11	3.60	3.10	4.90	8.60	19.20	6.30	13.30	4.20	6.50	2.60	3.90	5.20
12	3.60	3.50	4.50	11.00	15.70	7.00	11.40	4.40	6.80	2.40	3.10	4.70
13	3.50	3.50	4.40	10.30	13.40	5.80	9.60	5.40	5.80	2.40	3.20	4.30
14	3.50	3.50	4.30	9.20	11.60	5.70	10.00	5.10	4.60	2.40	3.20	3.80
15	3.50	3.40	4.30	8.20	10.30	5.60	9.20	5.00	4.80	2.10	2.90	3.20
16	3.50	3.10	4.70	7.70	11.10	5.50	9.20	4.30	4.30	2.30	3.90	2.80
17	3.50	3.80	5.20	7.60	12.40	5.90	10.30	5.00	4.20	2.20	4.20	2.60
18	3.50	3.80	4.80	7.40	14.00	5.50	8.30	4.40	4.00	2.10	3.70	2.40
19	3.50	3.80	4.50	7.30	11.40	6.60	7.50	5.40	3.40	3.30	3.20	2.20
20	3.40	3.60	4.50	7.10	12.30	6.30	6.90	4.80	3.10	2.20	2.80	2.20
21	3.40	3.80	5.90	7.40	13.20	7.70	6.40	4.50	4.00	2.80	2.60	2.20
22	3.30	5.40	5.70	9.40	12.20	8.10	7.00	4.10	3.80	2.70	3.20	2.20
23	3.30	6.50	5.30	12.00	11.80	8.50	5.80	5.20	2.90	2.40	2.80	4.00
24	3.20	5.70	5.00	11.60	12.40	7.90	5.70	4.30	2.80	2.60	2.50	2.70
25	3.50	5.20	4.70	10.30	11.50	7.60	5.50	4.20	2.60	3.20	2.50	2.40
26	3.30	4.90	11.50	9.70	10.20	8.70	5.50	5.00	2.50	3.70	2.10	2.30
27	3.30	4.60	16.30	9.60	9.20	9.20	6.00	4.10	2.40	3.50	2.30	2.30
28	3.20	4.70	19.60	14.30	8.50	9.60	5.00	4.40	2.40	3.40	3.60	4.70
29	3.40	5.80	18.20	16.50	------	10.60	4.70	3.80	2.20	3.40	3.20	5.60
30	3.20	5.80	14.80	17.10	------	11.30	4.60	3.10	2.20	3.70	3.20	4.70
31	3.20	------	13.80	18.00	------	10.30	------	3.80	------	3.50	3.10	------
MAX	6.00	6.50	19.60	22.90	23.80	11.30	18.50	5.90	6.80	5.00	4.60	5.60
MIN	3.20	3.10	4.10	7.10	8.50	5.50	4.60	3.10	2.20	2.10	2.10	2.20

CAL YR 1973 MAX 24.3 MIN 3.1
WTR YR 1974 MAX 23.8 MIN 2.1

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.50		3.60	10.40	9.30	7.40	19.00	15.70	22.30	5.50	6.10	4.50
2	4.40		3.60	14.50	9.00	7.40	24.10	14.30	18.70	5.50	6.40	4.40
3	4.20		3.50	18.50	9.70	7.20	24.30	12.50	15.20	5.40	8.00	4.50
4	4.10		3.40	17.90	10.50	7.80	24.30	10.40	13.40	5.40	7.20	4.80
5	3.90		3.30	16.70	10.10	7.70	23.50	9.40	11.40	5.40	6.60	4.60
6	3.90		5.80	15.80	10.00	7.70	22.40	8.70	12.00	5.40	6.00	4.40
7	3.70		11.20	13.40	8.30	9.00	20.70	8.30	10.30	6.30	5.80	4.30
8	3.60		14.80	11.40	9.00	9.30	19.60	7.80	10.00	6.10	7.00	4.50
9	3.50		16.80	10.30	8.10	11.60	19.50	9.50	10.70	5.60	5.80	4.30
10	3.40		17.00	13.20	12.20	11.50	20.20	11.00	11.20	5.30	5.40	4.30
11	3.30		15.60	13.40	15.10	12.00	20.60	10.70	10.90	5.50	5.10	4.80
12	3.20		13.30	11.60	16.60	10.60	19.60	9.40	10.30	5.90	6.00	5.50
13	3.20		10.80	10.30	15.10	14.40	18.40	8.30	12.00	5.90	4.80	5.20
14	3.10		7.80	9.30	13.80	21.70	16.70	7.60	13.00	5.30	4.60	5.50
15	3.10		6.60	8.50	14.40	23.60	14.30	7.10	11.80	5.90	4.50	5.60
16	3.00		6.80	7.80	16.20	21.60	11.70	6.90	10.50	5.70	5.70	7.00
17	2.90		7.40	7.40	16.50	18.60	10.40	6.40	9.80	5.70	5.40	5.50
18	2.80		6.40	7.20	15.50	16.40	9.80	6.50	8.80	5.10	5.20	6.00
19	2.70		5.80	9.30	13.50	16.00	9.80	6.10	8.70	4.90	5.50	4.90
20	2.60		5.50	10.40	12.20	14.50	10.80	7.00	8.70	5.60	5.40	4.50
21	2.50		5.60	11.30	10.90	13.40	11.40	5.80	8.60	5.40	4.20	4.40
22	2.30		6.60	13.20	9.50	12.60	9.50	5.80	8.40	5.00	4.40	4.30
23	2.20		6.70	14.50	8.80	12.00	9.60	5.80	8.10	6.00	4.20	5.00
24	2.80		13.90	15.80	8.40	12.00	10.00	5.70	7.40	4.80	4.00	4.00
25	3.60		16.80	14.60	8.20	10.30	8.60	7.00	8.00	4.40	3.90	3.80
26	4.70		17.40	13.00	7.90	12.00	8.40	6.70	6.60	5.50	3.90	3.70
27	5.10		16.60	11.80	7.90	12.40	11.90	13.80	6.30	5.90	3.90	4.40
28	6.70		15.40	10.50	7.70	12.40	14.30	21.70	6.00	7.50	4.10	5.70
29	7.00		14.20	12.20	------	11.30	15.50	24.00	5.90	7.50	4.40	7.00
30	6.80		11.50	11.40	------	11.10	17.60	24.30	5.70	8.40	4.40	5.10
31	6.70	------	8.90	10.30	------	13.20	------	24.30	------	7.20	4.40	------
MAX	7.00		17.40	18.50	16.60	23.60	24.30	24.30	22.30	8.40	8.00	7.00
MIN	2.20		3.30	7.20	7.70	7.20	8.40	5.70	5.70	4.40	3.90	3.70

CAL YR 1972 MAX 17.4 MIN 2.0
WTR YR 1973 MAX 24.3 MIN 2.2

CHOCTAWHATCHEE RIVER MAIN STEM

02362000 (NWS 01-3255-07) Choctawhatchee River near Geneva, Ala.--Continued

GAGE HEIGHT, IN FEET. AT 0700. WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.50	3.50	4.90	6.80	8.40	7.30	10.50	5.50	4.60	9.60	4.10	2.60
2	5.30	3.50	6.90	7.60	9.00	6.90	10.30	5.30	4.50	9.40	3.80	2.50
3	5.40	3.60	7.50	7.50	9.10	7.60	9.80	5.60	4.30	9.20	3.80	2.40
4	5.20	3.50	7.70	7.50	9.60	7.80	9.50	5.70	4.20	8.90	3.50	2.40
5	4.90	3.40	7.80	8.10	9.50	8.20	8.90	5.90	4.10	8.30	3.50	2.30
6	4.90	3.40	7.90	8.60	9.40	9.90	8.50	4.80	4.00	7.40	3.40	2.30
7	4.80	3.30	8.50	8.30	10.90	10.20	8.40	4.70	4.00	7.20	3.20	2.20
8	4.60	3.30	8.70	7.80	11.20	11.10	8.20	4.70	3.90	6.70	3.10	2.10
9	4.50	3.30	8.50	7.50	10.80	12.30	8.00	6.00	3.80	6.60	3.00	2.00
10	4.30	3.40	8.40	7.70	10.60	12.30	7.90	7.70	3.80	6.20	3.10	4.90
11	4.10	3.30	7.50	8.30	9.90	11.50	7.60	8.00	3.60	5.70	3.00	5.00
12	3.90	3.20	7.30	8.20	10.20	10.80	7.60	8.60	3.50	5.50	3.10	4.80
13	3.70	3.10	6.80	8.30	9.80	10.20	7.40	10.00	3.50	5.20	3.20	4.70
14	3.70	3.00	6.50	9.20	9.60	9.50	7.10	9.90	3.40	4.80	3.20	4.50
15	3.60	2.90	6.40	8.60	9.30	8.30	6.90	9.70	3.30	4.50	3.00	4.30
16	3.60	3.00	6.30	8.40	10.80	8.40	6.80	9.20	3.20	4.40	3.00	4.20
17	3.50	2.90	5.90	7.90	10.50	9.20	6.60	8.60	3.20	4.60	2.80	4.10
18	4.10	2.90	5.60	7.80	10.30	9.90	6.40	8.20	3.10	4.40	2.60	3.90
19	4.30	2.90	6.20	7.50	9.90	10.90	6.30	7.80	3.30	4.20	2.60	3.70
20	4.10	2.90	7.10	7.50	9.80	10.70	6.10	7.30	5.80	4.10	2.40	3.60
21	4.00	2.90	7.60	8.20	9.70	9.10	5.80	6.70	7.80	4.30	2.40	3.50
22	3.80	2.70	7.70	8.40	9.50	8.60	5.60	6.60	7.80	4.30	2.30	3.40
23	3.70	2.60	11.70	8.90	8.70	7.80	6.60	6.30	7.70	4.20	2.30	3.20
24	3.60	2.90	12.30	9.20	7.90	7.80	6.80	6.30	7.60	4.10	2.40	3.00
25	3.50	3.10	12.20	9.90	7.70	7.70	6.70	5.90	7.30	4.20	2.40	2.90
26	3.40	3.00	11.50	9.70	7.70	7.60	6.20	5.80	8.70	4.20	2.60	3.70
27	3.40	2.90	10.20	9.20	7.60	7.20	6.10	5.60	8.70	4.40	2.40	3.90
28	3.30	2.90	9.70	8.80	7.60	7.20	6.00	5.50	8.40	4.20	2.90	2.70
29	3.30	3.90	8.40	8.50	7.40	8.20	5.90	5.20	8.40	3.90	2.90	3.50
30	3.40	4.90	7.80	8.30	------	8.90	5.80	4.90	9.20	3.80	2.80	3.80
31	3.30	------	7.50	7.90	------	10.20	------	4.80	------	3.80	2.70	------
MAX	5.50	4.90	12.30	9.90	11.20	12.30	10.50	10.00	9.20	9.60	4.10	5.00
MIN	3.30	2.60	4.90	6.80	7.40	6.90	5.60	4.70	3.10	3.80	2.30	2.00

CAL YR 1971 MAX 20.8 MIN 2.6
WTR YR 1972 MAX 12.3 MIN 2.0

02364000 (NWS 01-2577-07) Pea River at Elba, Ala.

LOCATION.--Lat 31°24'55", long 86°03'45", in SE¼ sec. 8, T. 5 N., R. 20 E., Coffee County, on downstream side of bridge on U.S. Highway 84 in Elba, 0.2 mi (0.3 km) downstream from Whitewater Creek, and 4.5 mi (7.2 km) upstream from Elba Dam.

DRAINAGE AREA.--966 mi^2 (2,502 km^2), revised.

PERIOD OF RECORD.--February 1930 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. February 1930 to December 1971 in reports of National Weather Service. See WSP 1304 for record of discharge from May 1935 to September 1947 and gage heights for June to December 1906.

GAGE.--Nonrecording gage. Datum of gage is 159.24 ft (48.536 m) above mean sea level. Prior to June 19, 1934, at datum 0.1 ft (0.03 m) lower.

EXTREMES.--Maximum and minimum gage heights (at 0700) for the water years 1972-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1972	Mar. 3,6, 1972	19.7	6.00	Sept.24,25, 1972	4.9	1.49
1973	Mar. 12, 1973	27.0	8.23	July 22,23, 1973	3.0	0.91
1974	Jan. 1, 1974	18.6	5.67	Oct. 22-31, 1973	3.1	0.94
1975	Feb. 20, 1975	37.0	11.28	Oct. 14,15, 1974	3.5	1.07

Period of record: Maximum, 31.4 ft (9.57 m) Apr. 5, 1960; minimum, 0.5 ft (0.15 m) May 14, 15, 1932.
Flood of March 1929 reached a stage of 43.5 ft (13.26 m) from reports of National Weather Service.

REMARKS.--Stage affected by operation of hydroelectric plant at Elba Dam.

COOPERATION.--Records furnished by National Weather Service.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.60	3.70	7.60	6.00	6.90	10.20	7.90	7.40	8.30	5.30	14.80	4.70
2	5.60	3.70	8.10	5.90	6.70	9.60	7.60	7.30	7.90	5.30	14.90	4.60
3	5.60	3.60	7.80	5.70	6.70	9.10	7.40	7.30	6.20	5.20	12.10	4.60
4	5.00	3.60	6.90	5.70	7.10	8.60	7.30	7.40	5.80	5.30	11.80	4.40
5	4.50	3.60	5.60	5.80	8.00	8.30	7.30	7.40	5.50	5.20	11.90	4.20
6	4.00	3.80	6.40	5.80	8.10	8.00	6.90	7.60	5.40	4.70	12.60	4.10
7	4.00	3.80	6.50	5.70	8.00	7.60	6.90	7.50	5.20	4.50	12.90	4.20
8	3.80	3.90	6.10	6.30	7.50	8.20	6.70	7.00	5.00	4.30	13.20	5.60
9	3.80	4.00	6.20	8.60	7.30	8.00	6.70	6.70	5.00	4.30	13.60	5.90
10	3.70	4.00	6.10	9.00	7.10	7.70	23.60	6.50	11.80	4.20	12.90	5.10
11	3.60	4.00	5.80	13.60	7.00	7.70	28.20	6.30	3.90	4.20	11.80	5.30
12	3.60	4.20	5.80	12.00	6.80	7.60	17.60	6.20	9.90	5.30	10.00	4.80
13	3.60	4.40	5.50	11.80	6.70	7.50	11.10	6.20	7.40	7.70	8.90	4.70
14	3.50	4.70	5.60	12.80	6.60	10.80	13.30	6.10	7.20	7.70	8.20	4.60
15	3.50	4.60	5.60	12.40	6.40	9.70	11.20	5.90	7.10	6.40	7.70	4.40
16	4.00	4.50	8.70	11.10	6.40	10.80	14.40	6.10	9.30	5.50	7.10	4.30
17	5.00	4.40	9.00	8.60	14.50	13.70	14.30	6.30	7.30	5.80	6.50	4.20
18	5.50	4.70	8.60	7.90	18.60	15.10	14.20	6.20	6.70	5.10	6.10	7.70
19	5.40	5.00	7.90	7.30	25.90	21.70	13.90	6.00	6.30	4.90	5.80	6.60
20	4.70	5.10	7.90	7.90	37.00	20.80	9.50	6.00	6.10	5.60	5.50	6.60
21	4.40	6.40	9.10	8.00	36.40	19.20	7.60	5.70	5.90	6.20	5.50	6.60
22	4.20	6.40	8.10	7.40	19.40	17.20	7.50	5.50	5.80	7.30	5.40	7.00
23	4.10	6.40	7.40	7.20	12.40	12.50	6.80	5.30	5.70	6.10	5.40	15.10
24	4.00	5.60	7.50	9.00	15.70	9.20	6.50	5.10	5.50	5.40	5.20	21.10
25	3.90	5.50	8.00	8.90	14.30	12.40	6.50	5.10	5.40	6.00	5.00	14.70
26	3.80	5.40	7.60	8.70	13.20	10.40	6.40	5.10	5.20	5.70	6.20	11.20
27	3.80	5.20	7.00	8.60	12.40	9.90	6.20	5.70	5.40	8.20	5.40	9.50
28	3.80	5.60	6.70	8.00	12.40	9.40	6.20	5.70	5.30	8.90	5.60	8.40
29	3.80	4.60	6.60	7.80	------	9.20	6.10	5.60	5.10	7.40	5.10	7.90
30	3.70	4.70	6.50	7.70	------	9.20	6.10	5.40	5.30	7.50	5.00	7.90
31	3.70	------	6.20	7.40	------	9.20	------	5.30	------	13.70	4.90	------
MAX	5.60	6.40	9.10	13.60	37.00	21.70	28.20	7.60	11.80	13.70	14.90	21.10
MIN	3.50	3.60	5.50	5.70	6.40	7.50	6.10	5.10	3.90	4.20	4.90	4.10

CAL YR 1974 MAX 18.6 MIN 3.2
WTR YR 1975 MAX 37.0 MIN 3.5

02364000 (NWS 01-2577-07) Pea River at Elba, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.30	3.30	4.60	18.60	11.30	7.80	10.30	4.30	5.10	3.40	5.00	4.70
2	7.20	3.40	4.60	12.20	10.60	7.00	11.20	4.10	5.20	3.40	5.00	4.50
3	6.20	3.40	4.50	10.40	10.00	6.60	11.50	3.80	5.40	3.40	4.70	5.00
4	4.70	3.40	4.40	9.50	9.60	6.40	11.00	3.70	5.20	4.20	7.30	4.90
5	4.40	3.50	5.00	9.50	8.80	5.90	17.00	3.50	5.00	3.60	8.60	4.70
6	4.20	3.50	5.70	9.10	8.50	5.60	13.10	3.40	4.80	4.90	6.80	4.80
7	4.10	3.60	5.60	8.90	12.00	5.40	12.60	3.20	4.70	4.30	5.80	4.80
8	3.80	3.60	5.30	8.80	14.20	4.20	12.40	3.20	4.60	4.20	5.80	4.90
9	3.80	3.50	5.00	8.30	13.10	5.20	13.10	3.20	4.50	3.90	6.70	6.20
10	3.70	3.60	4.90	8.10	11.90	5.10	12.60	3.20	9.70	3.80	6.10	6.40
11	3.50	3.60	4.70	7.10	10.70	5.10	12.10	3.20	11.10	3.60	5.90	6.10
12	3.40	3.50	4.40	7.20	10.20	5.00	11.40	3.80	10.80	3.50	5.90	5.80
13	3.30	3.40	4.40	6.40	9.40	5.00	10.30	3.60	9.80	3.50	5.80	5.60
14	3.30	3.60	4.40	6.10	8.90	4.90	9.50	3.60	10.40	3.50	5.70	5.60
15	3.20	3.60	4.30	5.90	9.30	4.80	10.20	3.50	9.60	3.40	5.60	5.40
16	3.20	3.80	4.40	5.60	9.30	4.80	10.60	3.50	8.90	3.40	6.00	5.40
17	3.30	4.00	4.40	5.10	9.20	4.70	10.20	4.20	8.20	3.40	5.90	5.20
18	3.30	4.00	4.20	4.80	8.60	4.60	9.70	4.20	7.60	3.90	5.80	4.30
19	3.20	4.00	4.10	4.80	8.80	4.60	9.10	4.20	7.00	3.80	5.60	3.90
20	3.20	3.90	4.20	4.70	8.50	6.60	8.60	4.20	6.40	3.60	5.30	3.90
21	3.20	4.20	5.30	12.90	8.30	7.80	8.20	4.10	5.60	3.60	5.10	3.80
22	3.10	6.40	5.20	11.40	11.50	7.60	7.50	4.10	4.90	3.40	4.80	4.40
23	3.10	6.00	5.00	10.80	10.60	7.60	7.30	4.60	4.40	3.40	4.50	4.70
24	3.10	5.70	4.90	10.40	9.80	7.50	6.80	4.90	4.20	3.70	4.20	3.70
25	3.10	5.60	4.80	9.80	9.20	9.60	6.30	5.30	4.00	3.60	4.10	3.60
26	3.10	5.20	8.70	8.70	8.80	11.20	5.80	5.30	3.70	3.60	3.80	3.60
27	3.10	4.90	9.30	12.20	8.50	11.50	5.40	6.20	3.60	4.80	4.60	5.40
28	3.10	4.90	10.00	13.20	8.20	12.10	5.20	6.10	3.50	5.40	4.30	5.40
29	3.10	5.00	9.30	11.80	------	12.30	4.80	6.00	3.50	5.20	4.50	5.40
30	3.10	4.80	9.80	13.40	------	11.70	4.50	5.80	3.40	5.00	4.30	5.80
31	3.10	------	9.90	12.10	------	10.90	------	5.70	------	5.20	4.20	------
MAX	7.20	6.40	10.00	18.60	14.20	12.30	17.00	6.20	11.10	5.40	8.60	6.40
MIN	3.10	3.30	4.10	4.70	8.20	4.20	4.50	3.20	3.40	3.40	3.80	3.60

CAL YR 1973 MAX 27.0 MIN 3.0
WTR YR 1974 MAX 18.6 MIN 3.1

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.90	6.60	7.20	12.50	9.10	7.90	22.50	11.90	8.60	4.20	5.60	3.60
2	6.00	6.40	7.10	12.30	11.50	7.90	19.70	9.60	12.60	4.20	6.50	3.60
3	6.00	6.40	7.00	13.90	10.20	8.10	22.50	8.60	9.00	4.20	6.40	4.10
4	6.00	6.20	7.00	14.50	9.80	8.00	23.50	8.50	7.40	4.20	6.40	4.00
5	5.80	6.20	7.00	12.40	9.30	8.00	16.60	7.90	6.90	4.00	5.00	3.70
6	5.70	6.20	10.30	10.70	9.20	8.10	12.40	7.60	6.40	4.10	4.80	3.60
7	5.70	6.20	16.40	9.60	9.20	8.00	11.60	7.30	7.00	3.90	5.90	3.60
8	5.60	6.40	17.10	11.00	8.70	10.00	24.80	9.60	7.10	3.90	5.10	3.60
9	5.50	6.40	16.50	11.30	10.60	10.00	22.70	10.40	8.30	3.80	5.10	4.00
10	5.40	6.40	15.90	10.80	11.80	9.80	21.10	9.00	9.30	3.80	4.90	3.80
11	5.40	6.40	12.00	10.20	12.00	9.50	19.10	8.90	10.40	3.80	4.80	3.70
12	5.30	6.40	9.80	10.00	11.70	27.00	14.20	7.50	10.80	3.70	4.70	3.80
13	5.30	6.50	8.90	9.80	11.50	21.80	10.90	8.20	9.30	3.60	4.80	3.80
14	5.20	7.40	8.40	9.60	13.40	13.80	10.00	7.50	9.00	3.60	4.80	4.10
15	5.20	7.90	8.50	8.80	14.50	12.60	9.40	6.80	8.60	4.00	4.70	4.20
16	5.20	8.00	9.00	8.30	13.40	12.50	9.00	6.40	7.60	5.30	4.70	4.30
17	5.10	7.90	8.90	8.10	13.10	15.00	8.60	5.90	7.30	5.10	4.50	4.10
18	5.10	7.30	8.70	7.90	13.10	12.50	8.40	5.60	8.00	4.40	4.40	4.10
19	5.20	7.10	8.40	8.90	11.40	11.80	12.30	5.50	7.10	4.20	4.20	3.90
20	5.20	7.30	8.40	8.60	10.20	11.10	10.60	5.40	7.80	4.20	4.10	3.90
21	5.10	7.40	20.50	8.50	9.40	12.10	9.60	5.30	7.40	4.20	4.00	3.80
22	5.00	7.40	23.80	14.20	9.10	10.90	8.90	5.20	5.90	3.00	3.70	3.70
23	5.00	7.30	20.20	11.80	8.80	10.00	8.40	5.20	6.20	3.00	3.60	3.60
24	5.30	6.90	20.60	11.30	8.60	9.40	8.10	5.10	5.60	3.80	3.40	3.40
25	5.70	6.80	20.80	11.00	8.40	12.00	7.80	5.50	5.50	4.20	3.30	3.30
26	6.00	7.20	15.40	11.30	8.40	11.20	11.60	6.80	5.50	4.60	3.30	3.20
27	6.00	7.70	10.50	11.60	8.20	10.60	15.60	11.60	5.20	5.20	3.60	3.70
28	6.50	7.80	9.40	10.20	8.10	10.00	14.60	9.00	4.90	6.00	3.80	4.00
29	7.00	7.60	8.90	10.20	------	10.50	17.70	12.30	4.70	6.00	3.70	4.20
30	6.90	7.40	8.40	9.70	------	10.20	16.80	10.90	4.60	6.00	3.90	4.40
31	6.60	------	9.20	9.60	------	21.00	------	9.40	------	5.80	3.80	------
MAX	7.00	8.00	23.80	14.50	14.50	27.00	24.80	12.30	12.60	6.00	6.50	4.40
MIN	5.00	6.20	7.00	7.90	8.10	7.90	7.80	5.10	4.60	3.00	3.30	3.20

CAL YR 1972 MAX 23.8 MIN 4.9
WTR YR 1973 MAX 27.0 MIN 3.0

02364000 (NWS 01-2577-07) Pea River at Elba, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.30	6.10	8.80	8.00	9.60	8.40	8.70	6.60	6.20	11.60	7.40	5.70
2	6.20	6.10	8.40	8.20	11.60	11.40	8.40	6.80	6.20	8.40	7.30	5.60
3	6.00	6.20	11.10	8.80	11.30	19.70	8.20	6.80	6.20	7.90	7.00	5.40
4	6.00	6.40	10.40	8.60	13.60	17.90	8.10	6.90	5.90	7.30	6.90	5.40
5	5.90	6.30	10.30	9.00	11.50	19.10	8.10	6.90	5.90	7.30	6.70	5.30
6	5.80	6.50	9.80	9.00	10.50	19.70	8.00	6.80	5.80	7.80	6.40	5.30
7	5.80	6.50	9.70	9.10	15.40	15.30	7.90	6.60	5.80	7.80	6.30	5.60
8	5.80	6.50	9.50	8.90	13.90	11.40	7.80	7.10	5.70	7.70	6.20	5.40
9	5.70	6.40	8.90	8.80	12.70	11.70	7.70	11.10	5.70	7.20	6.00	5.40
10	5.70	6.30	8.40	8.70	11.30	11.10	7.60	10.20	5.60	7.00	5.90	5.60
11	5.60	6.30	8.00	8.70	10.90	10.30	7.50	9.40	5.40	6.90	5.80	5.50
12	5.60	6.20	8.50	10.00	10.30	9.80	7.40	8.50	5.50	6.60	5.70	5.40
13	5.60	6.20	8.90	10.00	11.80	9.60	7.40	8.30	6.30	6.40	5.80	5.40
14	5.60	6.20	8.50	12.30	10.50	9.50	7.40	8.60	6.20	6.40	5.80	5.30
15	5.60	6.10	8.20	12.40	9.90	9.30	7.30	8.40	6.20	6.90	5.80	5.20
16	5.60	6.10	7.90	12.50	9.80	9.10	7.30	8.20	6.40	6.80	5.80	5.20
17	5.70	6.10	7.80	13.30	10.70	9.30	7.30	7.90	6.10	6.70	5.80	5.10
18	7.70	6.10	8.00	12.10	10.20	9.20	7.30	7.60	5.90	6.50	5.90	5.00
19	7.40	6.10	8.00	10.10	9.50	9.10	7.20	7.40	5.90	6.30	6.40	5.00
20	6.40	6.20	8.50	9.40	9.00	9.00	7.00	7.20	7.20	6.20	6.20	5.00
21	6.20	6.20	14.20	10.00	8.90	9.00	6.90	7.00	8.30	6.20	6.20	5.00
22	6.20	6.20	13.50	9.60	8.90	9.10	6.90	6.90	9.00	6.00	5.80	5.00
23	6.40	6.10	11.90	9.80	8.70	8.70	7.90	6.70	8.70	5.90	5.70	5.00
24	6.40	6.10	10.90	9.50	8.60	8.50	7.80	6.60	8.50	5.80	5.60	4.90
25	6.40	6.20	10.20	9.20	8.50	8.40	7.70	6.60	8.40	7.20	6.10	4.90
26	6.30	6.30	9.40	9.00	8.40	8.40	7.40	6.50	12.10	7.00	6.00	5.10
27	6.20	6.40	8.80	8.90	9.10	8.30	7.20	6.40	12.40	8.00	6.00	5.20
28	6.10	6.30	8.40	8.70	8.60	8.30	7.00	6.30	12.00	8.20	6.00	5.30
29	6.00	10.30	8.30	9.10	8.40	8.60	6.90	6.20	11.90	7.60	6.00	5.30
30	6.00	9.00	8.20	9.20	------	8.50	6.80	6.20	12.30	8.60	6.00	5.40
31	6.10	------	8.00	10.30	------	8.80	------	6.20	------	7.50	5.80	------
MAX	7.70	10.30	14.20	13.30	15.40	19.70	8.70	11.10	12.40	11.60	7.40	5.70
MIN	5.60	6.10	7.80	8.00	8.40	8.30	6.80	6.20	5.40	5.80	5.60	4.90

CAL YR 1971 MAX 25.7 MIN 5.6
WTR YR 1972 MAX 19.7 MIN 4.9

02364570 Panther Creek near Hacoda, Ala.

LOCATION.--Lat 31°07'15", long 86°11'13", in SW¼ sec. 19, T. 2 N., R. 19 E., Geneva County, on right bank 50 ft (15 m) upstream from county road bridge, about 5 mi (about 8 km) northwest of Hacoda.

DRAINAGE AREA.--26.5 mi^2 (68.7 km^2).

PERIOD OF RECORD.--October 1974 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 140 ft (42.7 m) from topographic map.

EXTREMES.--Maximum discharge during period, 3,590 ft^3/s (102 m^3/s) Apr. 10 (gage height, 15.32 ft or 4.670 m); minimum, 3.8 ft^3/s (0.108 m^3/s) July 15, 16.

REMARKS.--Records fair except those for period of no gage-height record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	5.4	34	12	17	32	53	24	97	7.0	795	17
2	10	5.4	20	11	16	37	51	22	78	6.4	339	90
3	8.4	5.4	12	10	17	34	43	21	46	6.7	156	33
4	7.4	5.4	9.6	10	18	36	37	36	31	14	93	30
5	7.0	5.4	7.0	11	30	60	31	39	22	8.2	80	23
6	6.6	5.4	8.0	11	28	54	34	46	17	6.4	98	20
7	6.4	5.4	9.3	10	22	43	33	41	15	5.8	106	34
8	6.2	5.4	12	42	19	57	30	65	13	5.7	151	40
9	6.0	5.4	11	50	14	49	87	66	16	8.9	341	30
10	5.9	5.2	9.1	36	16	40	2,080	44	17	8.0	140	31
11	5.8	6.0	8.7	50	16	36	1,010	31	24	6.6	104	26
12	5.6	9.2	10	39	22	30	363	26	30	8.4	72	20
13	5.4	7.0	10	35	26	37	139	22	28	7.8	57	17
14	5.4	6.2	9.1	26	20	347	184	22	24	5.7	45	16
15	6.0	5.8	18	23	17	181	655	50	50	4.3	36	15
16	7.6	6.8	25	20	29	162	268	93	85	4.3	33	13
17	9.8	9.0	17	18	131	174	116	100	43	13	31	120
18	12	20	12	17	224	263	82	69	27	13	28	329
19	10	13	11	26	131	467	65	40	22	9.1	31	96
20	7.4	11	29	47	115	156	56	29	18	6.2	28	48
21	6.4	16	41	36	131	86	47	24	12	11	38	38
22	6.2	10	26	26	158	64	43	20	12	24	33	45
23	6.0	7.8	18	32	131	62	38	16	18	30	28	883
24	5.8	6.3	15	39	97	56	35	14	13	17	23	685
25	5.6	6.3	16	41	75	71	33	12	8.9	11	20	236
26	5.6	7.0	17	32	52	64	33	10	8.2	28	21	132
27	5.5	6.3	15	26	43	51	31	10	14	31	20	93
28	5.5	6.0	14	22	37	43	28	13	12	20	18	69
29	5.4	5.7	16	21	------	39	25	17	13	41	20	62
30	5.4	22	15	20	------	37	24	19	10	629	21	56
31	5.4	------	14	19	------	42	------	46	------	1,680	18	------
TOTAL	214.7	241.2	488.8	818	1,652	2,910	5,754	1,087	824.1	2,677.5	3,024	3,347
MEAN	6.93	8.04	15.8	26.4	59.0	93.9	192	35.1	27.5	86.4	97.5	112
MAX	13	22	41	50	224	467	2,080	100	97	1,680	795	883
MIN	5.4	5.2	7.0	10	14	30	24	10	8.2	4.3	18	13
CFSM	.26	.30	.60	1.00	2.23	3.54	7.25	1.32	1.04	3.26	3.68	4.23
IN.	.30	.34	.69	1.15	2.32	4.08	8.08	1.53	1.16	3.76	4.25	4.70

WTR YR 1975 TOTAL 23,038.3 MEAN 63.1 MAX 2,080 MIN 4.3 CFSM 2.38 IN 32.34

NOTE.--No gage-height record Oct. 1 to Nov. 19.

PEAK DISCHARGE (BASE, 450 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
3-14	1600	8.97	466	7-31	0200	14.55	2,400
3-19	0100	10.04	653	8-08	2200	9.88	621
4-10	1500	15.32	3,590	9-18	0200	9.49	544
4-15	0300	10.45	735	9-23	1600	14.68	1,550

BLACKWATER RIVER MAIN STEM

02369800 Blackwater River near Bradley, Ala.
(Hydrologic bench-mark station)

LOCATION.--Lat 31°01'39", long 86°42'36", on line between secs. 24 and 25, T. 1 N., R. 13 E., Escambia County, near left bank on downstream side of bridge on county road, and about 1 mi (about 2 km) east of Bradley.

DRAINAGE AREA.--86.8 mi^2 (225 km^2).

PERIOD OF RECORD.--October 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 121.87 ft (37.146 m) above mean sea level (unadjusted).

AVERAGE DISCHARGE.--8 years, 146 ft^3/s (4.135 m^3/s), 22.84 in/yr (580 mm/yr).

EXTREMES.--Current year: Maximum discharge, 10,300 ft^3/s (292 m^3/s) July 31 (gage height, 20.37 ft or 6.209 m); minimum, 35 ft^3/s (0.99 m^3/s) Nov. 3, 4, 5 (gage height, 1.77 ft or 0.539 m).
Period of record: Maximum discharge not determined, occurred June 4, 1970 (gage height, 24.20 ft); maximum daily, 11,100 ft^3/s (314 m^3/s) June 4, 1970; minimum, 18 ft^3/s (0.51 m^3/s) Sept. 15, 16, 1968.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49	36	169	62	74	109	160	156	492	124	4,020	146
2	47	36	99	58	69	98	144	133	389	104	2,020	115
3	44	36	76	56	67	89	128	113	352	94	1,420	105
4	42	35	66	58	70	119	112	156	312	99	957	100
5	42	36	58	58	142	200	102	194	214	88	778	102
6	41	38	56	55	119	159	94	275	161	80	824	141
7	40	39	75	53	87	123	88	255	143	82	744	227
8	39	39	98	180	76	148	87	720	132	77	644	237
9	39	39	77	178	72	132	179	616	500	86	644	171
10	38	38	66	120	70	109	2,630	390	348	76	606	150
11	38	43	61	192	68	108	3,220	245	236	103	586	139
12	38	68	59	171	101	113	1,460	183	322	102	446	137
13	37	50	58	170	106	122	779	147	296	81	344	135
14	38	44	56	127	82	473	664	131	282	130	288	119
15	40	43	90	103	72	411	1,490	437	482	91	239	105
16	84	42	127	92	248	410	960	885	703	89	206	94
17	72	48	87	84	673	420	132	958	422	183	184	230
18	54	125	71	78	510	711	123	663	281	110	167	558
19	47	82	65	81	407	1,270	113	421	226	85	184	473
20	42	83	137	118	428	730	104	280	177	80	293	318
21	41	98	165	99	327	443	98	204	142	331	278	445
22	39	68	108	85	214	303	94	162	136	703	176	706
23	38	55	86	103	179	234	153	136	114	597	158	4,310
24	38	50	77	182	254	279	139	117	101	386	144	2,850
25	37	48	75	160	225	364	130	103	91	224	133	1,490
26	37	47	78	123	170	274	120	95	83	184	183	812
27	36	45	71	104	142	210	110	134	80	157	146	511
28	36	44	72	93	122	172	102	114	87	148	127	369
29	36	43	72	85	------	152	96	124	246	163	130	286
30	36	119	68	80	------	162	92	225	236	1,090	126	241
31	36	------	65	77	------	179	------	331	------	7,510	158	------
TOTAL	1,321	1,617	2,588	3,285	5,174	8,826	13,903	9,103	7,786	13,457	17,353	15,822
MEAN	42.6	53.9	83.5	106	185	285	463	294	260	434	560	527
MAX	84	125	169	192	673	1,270	3,220	958	703	7,510	4,020	4,310
MIN	36	35	56	53	67	89	87	95	80	76	126	94
CFSM	.49	.62	.96	1.22	2.13	3.28	5.33	3.39	3.00	5.00	6.45	6.07
IN.	.57	.69	1.11	1.41	2.22	3.78	5.96	3.90	3.34	5.77	7.44	6.78

CAL YR 1974 TOTAL 41,444 MEAN 114 MAX 1,470 MIN 28 CFSM 1.31 IN 17.76
WTR YR 1975 TOTAL 100,235 MEAN 275 MAX 7,510 MIN 35 CFSM 3.17 IN 42.96

PEAK DISCHARGE (BASE, 1,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
3-19	0900	10.48	1,420	5-17	0500	8.62	1,040
4-10	2100	18.02	6,110	7-31	1800	20.37	10,300
4-15	1300	11.78	1,740	9-23	1700	17.96	5,810

02371200 Indian Creek near Troy, Ala.

LOCATION.--Lat 31°48'50", long 86°07'15", in E½ sec. 26, T. 10 N., R. 19 E., Pike County, at left downstream wingwall of culvert on U.S. Highway 29, 3.5 mi (5.6 km) upstream from mouth, and 9 mi (14 km) west of Troy.

DRAINAGE AREA.--8.88 mi^2 (23.0 km^2).

PERIOD OF RECORD.--August 1958 to September 1968. Annual maximums, water years 1969-70. October 1970 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 354 ft (108 m) by barometer. Prior to Oct. 1, 1961, at datum 1.00 ft (0.300 m) higher.

AVERAGE DISCHARGE.--15 years, 13.4 ft^3/s (0.379 m^3/s), 20.49 in/yr (520 mm/yr).

EXTREMES.--Current year: Maximum discharge, 3,950 ft^3/s (112 m^3/s) Feb. 17 (gage height, 7.75 ft or 2.362 m); minimum, 1.7 ft^3/s (0.048 m^3/s) Oct. 12, 13.
Period of record: Maximum discharge, 3,950 ft^3/s (112 m^3/s) Feb. 17, 1975 (gage height, 7.75 ft or 2.362 m, present datum); minimum, 0.1 ft^3/s (0.003 m^3/s) Sept. 10, 1958, and Sept. 10-16, 1967.

REMARKS.--Records fair except those for period of no gage-height record, which are poor.

REVISIONS.--WSP 2106: 1960(M), 1960-65(P), 1962-65(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.5	2.9	11	7.8	8.8	25	19	14	8.0	12	20	7.5
2	2.2	2.9	10	7.4	8.7	24	19	11	7.2	8.0	180	6.4
3	2.1	2.9	9.8	8.3	11	22	19	10	6.8	7.0	40	5.8
4	2.1	3.0	9.4	15	16	22	16	11	6.4	15	20	5.6
5	2.1	4.2	9.4	8.7	23	21	15	11	6.0	6.0	48	5.1
6	2.0	3.9	15	7.8	12	20	14	11	6.4	6.2	53	5.4
7	2.0	3.9	10	7.3	11	25	13	10	8.0	10	38	19
8	1.9	3.7	10	70	10	26	14	15	10	7.0	39	11
9	1.9	3.6	11	26	762	19	30	9.8	12	12	33	7.4
10	1.9	11	9.2	46	88	19	104	8.5	24	5.0	25	6.6
11	1.9	6.1	9.2	45	62	21	43	7.0	12	5.4	28	5.9
12	1.9	4.8	9.1	23	48	20	23	7.6	12	9.0	24	6.2
13	1.8	5.6	8.8	17	10	40	20	10	11	15	21	5.8
14	1.9	5.3	8.4	14	9.6	44	127	13	60	5.8	17	4.7
15	2.3	4.8	86	13	9.2	22	58	17	25	5.2	14	4.3
16	16	13	21	12	77	134	30	27	16	5.0	13	4.3
17	4.3	8.3	14	11	762	40	24	13	13	4.6	12	17
18	3.4	23	12	11	88	160	21	10	12	13	11	18
19	3.0	52	38	11	62	58	19	5.2	11	8.6	11	7.4
20	2.8	11	34	12	48	38	17	10	36	15	10	6.0
21	2.7	9.0	17	10	39	32	15	5.4	14	14	9.9	5.8
22	2.7	8.1	13	9.9	37	32	14	6.4	10	47	9.2	10
23	2.7	7.7	12	17	57	27	13	5.7	6.6	10	8.7	378
24	2.7	7.7	26	14	58	48	13	5.2	12	18	8.2	40
25	2.8	7.2	13	17	34	29	13	10	9.0	11	8.9	21
26	2.7	7.2	11	11	29	23	34	5.4	6.0	16	12	16
27	2.7	7.0	10	10	27	22	14	6.5	5.4	9.0	8.3	13
28	2.7	7.4	9.6	9.9	26	21	12	5.8	5.0	9.4	8.2	11
29	2.7	56	9.1	9.5	------	20	13	7.6	5.6	9.6	7.9	11
30	2.9	14	8.5	9.3	------	36	17	19	5.4	11	7.6	9.8
31	2.9	------	8.3	9.0	------	22	------	9.0	------	60	7.9	------
TOTAL	90.2	307.2	482.8	499.9	2,433.3	1,112	803	317.1	381.8	389.8	753.8	675.0
MEAN	2.91	10.2	15.6	16.1	86.9	35.9	26.8	10.2	12.7	12.6	24.3	22.5
MAX	16	56	86	70	762	160	127	27	60	60	180	378
MIN	1.8	2.9	8.3	7.3	8.7	19	12	5.2	5.0	4.6	7.6	4.3
CFSM	.33	1.15	1.76	1.81	9.79	4.04	3.02	1.15	1.43	1.42	2.74	2.53
IN.	.38	1.29	2.02	2.09	10.19	4.66	3.36	1.33	1.60	1.63	3.16	2.83

CAL YR 1974 TOTAL 4,849.2 MEAN 13.3 MAX 166 MIN 1.4 CFSM 1.50 IN 20.31
WTR YR 1975 TOTAL 8,245.9 MEAN 22.6 MAX 762 MIN 1.8 CFSM 2.55 IN 34.54

PEAK DISCHARGE (BASE, 250 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-15	1230	5.09	250	3-18	1415	5.33	342
2-17	0700	7.75	3,950	4-14	1800	5.35	350
3-16	1030	5.43	384	9-23	1100	7.23	2,350

NOTE.--No gage-height record May 14 to Aug. 3.

ESCAMBIA RIVER MAIN STEM

02371500 Conecuh River at Brantley, Ala.

LOCATION.--Lat 31°34'24", long 86°15'06", in SE¼ sec. 16, T. 7 N., R. 18 E., Crenshaw County, on left bank 10 ft (3 m) downstream from bridge on U.S. Highway 331 and State Highway 52, 0.5 mi (0.8 km) downstream from Moody Mill Creek, 0.8 mi (1.3 km) southeast of Brantley, and at mile 112.3 (180.7 km).

DRAINAGE AREA.--492 mi^2 (1,274 km^2).

PERIOD OF RECORD.--October 1937 to current year.

GAGE.--Water-stage recorder. Datum of gage is 226.2 ft (68.95 m) above mean sea level (levels by Corps of Engineers). Prior to Nov. 1, 1938, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--38 years, 677 ft^3/s (19.17 m^3/s), 18.69 in/yr (475 mm/yr).

EXTREMES.--Current year: Maximum discharge, 19,800 ft^3/s (561 m^3/s) Feb. 19 (gage height, 24.51 ft or 7.471 m); minimum, 75 ft^3/s (2.12 m^3/s) Oct. 15.

Period of record: Maximum discharge, 19,800 ft^3/s (561 m^3/s) Feb. 19, 1975 (gage height, 24.51 ft or 7.471 m); minimum, 22 ft^3/s (0.62 m^3/s) Sept. 14, 1954.

Maximum stage since 1900, about 26 ft (about 7.9 m), present site and datum, March 1929, from information by local residents (discharge not determined).

REMARKS.--Records good.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	633	78	479	575	659	1,940	1,430	573	716	486	2,640	255
2	571	84	587	498	548	1,630	1,240	658	632	502	2,720	253
3	411	78	607	453	500	1,400	1,160	707	534	478	3,780	228
4	253	77	616	431	505	1,230	1,110	729	470	446	3,680	207
5	178	78	623	434	684	1,070	1,040	694	422	626	3,010	189
6	145	81	594	462	744	967	958	622	414	575	2,880	177
7	126	89	522	489	755	891	901	571	393	540	3,210	207
8	114	93	454	811	745	875	844	602	499	454	3,120	320
9	106	95	438	1,010	733	855	862	636	544	373	2,640	399
10	98	101	425	1,070	665	830	3,620	663	727	335	2,470	383
11	92	108	412	1,350	577	799	4,530	631	1,040	318	2,140	340
12	87	119	399	1,610	504	796	2,910	544	870	344	1,800	293
13	83	151	369	2,100	526	846	2,040	468	865	463	1,470	261
14	79	177	326	2,390	564	1,430	2,190	428	1,000	546	1,280	266
15	76	173	456	2,440	570	1,610	4,530	468	1,200	491	1,200	228
16	90	168	686	2,150	967	1,930	3,840	609	1,210	373	1,070	205
17	143	160	748	1,770	3,070	2,590	5,220	920	1,210	321	872	226
18	203	162	790	1,450	11,500	4,540	4,920	984	1,090	295	669	382
19	197	197	820	1,180	18,800	7,730	3,340	943	860	367	550	529
20	182	268	904	935	12,800	6,660	2,370	905	690	531	483	530
21	154	353	1,050	759	6,720	6,710	1,760	900	705	643	437	488
22	130	468	1,140	671	3,770	4,740	1,370	869	728	715	428	437
23	114	480	1,160	637	2,830	3,230	1,110	692	776	1,010	402	1,860
24	103	438	1,180	718	2,790	2,450	864	460	773	986	358	5,040
25	96	386	1,210	762	2,410	2,150	752	364	534	772	346	4,940
26	92	326	1,230	778	2,010	1,920	682	341	420	787	393	5,890
27	88	260	1,200	787	1,930	1,690	653	439	363	863	365	4,960
28	85	216	1,060	797	2,120	2,040	638	395	342	1,000	432	3,300
29	82	194	965	807	------	2,240	580	354	369	1,120	343	2,270
30	80	287	827	815	------	1,950	559	551	453	1,300	284	1,670
31	78	------	694	788	------	1,710	------	660	------	2,160	256	------
TOTAL	4,969	5,945	22,971	31,927	80,996	71,449	58,023	19,380	20,849	20,220	45,728	36,733
MEAN	160	198	741	1,030	2,893	2,305	1,934	625	695	652	1,475	1,224
MAX	633	480	1,230	2,440	18,800	7,730	5,220	984	1,210	2,160	3,780	5,890
MIN	76	77	326	431	500	796	559	341	342	295	256	177
CFSM	.33	.40	1.51	2.09	5.88	4.69	3.93	1.27	1.41	1.33	3.00	2.49
IN.	.38	.45	1.74	2.41	6.12	5.40	4.39	1.47	1.58	1.53	3.46	2.78

CAL YR 1974 TOTAL 211,655 MEAN 580 MAX 4,340 MIN 62 CFSM 1.18 IN 16.00
WTR YR 1975 TOTAL 419,190 MEAN 1,148 MAX 18,800 MIN 76 CFSM 2.33 IN 31.69

PEAK DISCHARGE (BASE, 4,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-19	0800	24.51	19,800	4-17	1900	17.25	6,000
3-19	1000	18.74	8,060	9-26	1400	17.34	6,060
4-10	2300	16.75	5,400				

02372250 Patsaliga Creek near Brantley, Ala.

LOCATION.--Lat 31°35'46", long 86°24'20", in NE¼ sec. 12, T. 7 N., R. 16 E., Crenshaw County, near left bank on downstream side of bridge on State Highway 106, 3.0 mi (4.8 km) north of Leon, and 10.9 mi (17.5 km) northwest of Brantley.

DRAINAGE AREA.--439 mi^2 (1,137 km^2).

PERIOD OF RECORD.--October 1974 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 220 ft (67.1 m) from topographic map.

EXTREMES.--Maximum discharge during period, 15,200 ft^3/s (430 m^3/s) Feb. 19 (gage height, 22.21 ft or 6.770 m); minimum daily, 65 ft^3/s (1.84 m^3/s) Oct. 15.

REMARKS.--Records fair except those for periods of no gage-height record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	540	68	473	399	499	1,610	1,150	870	800	409	2,800	302
2	460	73	585	378	484	1,100	935	948	700	339	2,760	355
3	310	66	568	352	468	920	941	906	550	324	2,450	323
4	180	68	518	372	508	840	833	731	450	355	2,800	272
5	140	72	426	484	821	791	784	656	400	474	3,890	245
6	120	77	305	503	937	722	784	624	370	366	2,980	228
7	110	80	275	491	920	709	703	692	360	318	2,570	237
8	100	84	310	715	896	744	704	736	350	266	2,600	473
9	92	91	345	1,110	874	735	1,270	644	550	327	2,340	718
10	85	96	328	1,270	697	730	3,340	572	700	330	2,010	659
11	80	100	297	1,900	534	701	2,960	498	1,100	295	1,970	496
12	73	120	272	2,600	520	658	2,290	438	1,000	313	1,950	363
13	70	140	258	3,630	622	752	1,840	452	920	315	1,740	305
14	68	160	248	3,410	582	980	3,040	618	1,200	283	1,450	287
15	65	150	340	3,050	495	1,100	4,180	800	1,300	313	1,270	261
16	72	150	825	2,270	811	1,710	6,270	900	1,300	220	1,160	239
17	120	140	1,030	1,380	2,560	2,360	5,420	1,100	1,300	198	825	240
18	180	150	1,030	811	13,100	4,520	3,180	1,000	1,200	196	560	420
19	160	190	898	658	13,700	6,940	2,200	990	1,000	257	471	786
20	150	250	1,080	639	8,180	5,560	1,400	980	800	333	422	1,040
21	130	340	1,240	613	4,760	5,050	928	930	700	371	392	937
22	120	430	1,100	560	3,250	3,380	774	900	680	786	389	927
23	100	410	970	550	2,870	2,400	688	600	650	932	399	1,650
24	96	390	922	670	2,730	1,960	644	500	456	764	366	5,580
25	87	340	908	760	2,440	1,640	614	350	357	820	332	12,600
26	82	290	789	862	2,080	1,900	593	310	312	953	353	8,810
27	78	233	732	870	1,900	3,300	668	350	290	733	524	4,240
28	76	222	712	860	1,910	3,060	814	310	290	625	521	2,630
29	74	214	602	830	------	2,140	808	400	292	561	359	1,920
30	71	236	476	704	------	1,500	728	500	368	721	314	1,310
31	67	------	428	557	------	1,200	------	700	------	1,730	305	------
TOTAL	4,156	5,430	19,290	34,258	70,148	61,712	51,483	21,005	20,745	15,227	43,272	48,853
MEAN	134	181	622	1,105	2,505	1,991	1,716	678	692	491	1,396	1,628
MAX	540	430	1,240	3,630	13,700	6,940	6,270	1,100	1,300	1,730	3,890	12,600
MIN	65	66	248	352	468	658	593	310	290	196	305	228
CFSM	.30	.41	1.41	2.51	5.69	4.53	3.90	1.54	1.57	1.12	3.17	3.70
IN.	.35	.46	1.63	2.90	5.93	5.22	4.35	1.78	1.75	1.29	3.66	4.13

WTR YR 1975 TOTAL 395,579 MEAN 1,084 MAX 13,700 MIN 65 CFSM 2.46 IN 33.44

PEAK DISCHARGE (BASE, 4,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-19	0600	22.21	15,200	8-05	1100	18.52	4,240
3-19	0500	19.97	7,510	9-25	1500	21.95	14,100
4-16	1900	19.94	7,450				

NOTE.--No gage-height record Oct. 1 to Nov. 26, May 15 to June 22.

ESCAMBIA RIVER MAIN STEM

02372430 (NWS 01-6937-07) Conecuh River at River Falls, Ala.

LOCATION.--Lat 31°21', long 86°32', in NW¼ sec. 2, T. 4 N., R. 15 E., Covington County, on downstream handrail of State Highway 55 bridge, 0.8 mi (1.2 km) east of River Falls.

DRAINAGE AREA.--1,267 mi^2 (3,282 km^2), revised.

PERIOD OF RECORD.--November 1928 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. November 1928 to December 1971 in reports of National Weather Service.

GAGE.--Nonrecording gage. Datum of gage is 120.80 ft (36.820 m) above mean sea level. Prior to June 23, 1934, nonrecording gage located on left bank 1,400 ft (427 m) upstream at datum 2.88 ft (0.878 m) higher. June 23, 1934, to Mar. 3, 1953, nonrecording gage on downstream side of bridge located 1,000 ft (305 m) upstream at datum 2.88 ft (0.878 m) higher.

EXTREMES.--Maximum and minimum gage heights (at 0700) for the water years 1972-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1972	Mar. 6, 1972	32.3	9.85			
1973	Apr. 4, 1973	40.8	12.44	Aug. 21, Sept. 18, 1973	1.2	0.37
1974	Apr. 8, 1974	18.7	5.70			
1975	Feb. 21, 1975	42.8	13.05	July 1, 1974	1.5	0.46

Period of record: Maximum, 52.5 ft (16.00 m) Mar. 15, 1929; minimum, -1.8 ft (-0.55 m) Sept. 11, 1938.

REMARKS.--Some regulation at low flow by Point A Lake 1.0 mi (1.6 km) upstream and Gantt Reservoir 8 mi (13 km) upstream.

COOPERATION.--Records furnished by National Weather Service.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.90	1.90	5.70	3.10	2.60	8.40	7.90	3.80	4.20	1.50	29.60	
2	1.70	1.90	5.50	2.80	2.40	8.60	5.30	3.00	4.10	1.70	26.90	
3	1.80	2.00	5.00	2.80	2.80	8.20	5.10	3.20	4.50	1.80	23.10	
4	1.90	1.90	5.00	3.00	3.00	6.40	4.40	4.50	3.30	1.70		1.80
5	1.90	1.90	2.10	3.00	4.90	5.20	4.30	4.90	2.80	1.90	18.50	1.70
6	1.80	2.00	1.90	3.20	5.40	4.00	4.20	3.80	2.50	1.90	20.40	1.70
7	2.00	1.90	1.80	3.40	5.00	4.00	4.30	3.30	2.60	2.00	21.80	2.30
8	1.90	1.90	1.90	5.10	4.90	3.30	4.20	4.40	2.30	1.80	19.60	2.00
9	1.80	1.90	1.90	4.80	4.30	3.40	4.70	3.70	2.20	1.60	18.30	1.90
10	1.80	1.80	1.80	5.20	4.00	3.20	38.90	3.10	2.40	1.80	16.90	1.90
11	1.80	1.90	1.80	12.50	3.80	3.00	35.70	2.90	2.00	2.00	15.40	1.80
12	1.90	2.10	2.80	11.90	4.20	3.10	30.10	2.30	2.10	2.00	13.00	1.70
13	1.90	1.90	2.20	11.00	3.20	4.20	24.30	2.00	2.70	1.80	11.20	1.90
14	2.00	1.90	2.00	10.00	2.60	2.50	17.60	1.80	2.60	1.70	12.00	1.80
15	2.00	1.80	3.20	9.00	3.00	3.80	25.90	3.40	2.50	2.00	10.90	1.70
16	3.20	1.80	4.30	9.00	6.50	6.20	26.20	3.10	3.50	1.70	8.90	1.90
17	3.20	1.90	3.50	9.00	13.70	13.20	23.80	8.30	3.60	1.80	7.90	2.00
18	1.90	3.10	3.00	9.00	21.60	16.10	21.80	9.90	3.20	1.70	6.10	4.40
19	1.80	2.10	2.30	8.60	33.60	24.90	19.70	8.20	2.90	2.00	6.50	1.80
20	1.90	3.10	3.00	7.90	39.90	28.20	17.40	7.80	3.00	1.90	3.80	1.90
21	1.80	2.00	2.70	6.90	42.80	29.20	17.00	5.10	2.90	2.40	2.30	
22	1.70	1.90	2.60	4.00	38.10	26.90	13.70	4.50	2.80	3.40	1.90	5.90
23	1.70	1.80	2.40	4.40	31.00	24.50	9.00	3.90	3.00	4.10	1.70	18.30
24	1.60	1.90	2.20	5.70	21.20	20.40	7.60	3.30	2.00	5.20	1.90	24.10
25	1.70	2.00	2.00	5.40	13.70	19.00	7.20	3.00	2.00	4.60	1.70	25.50
26	1.90	2.00	2.00	5.00	13.70	18.30	6.50	2.80	1.80	4.30	1.90	29.50
27	1.90	2.00	2.00	4.20	10.90	10.00	5.90	2.30	1.70	4.50	1.90	32.30
28	1.90	2.00	2.20	3.90	8.80	9.40	4.30	2.40	1.70	3.90	1.80	33.20
29	1.90	2.00	2.20	3.40	------	8.10	3.10	2.50	1.60	5.10	1.90	22.30
30	1.90	2.10	2.10	3.00	------	7.50	3.40	2.90	1.70	6.80		16.80
31	1.80	------	2.10	2.60	------	6.10	------	3.40	------	21.60		------
MAX	3.2	3.1	5.7	12.5	42.8	29.2	38.9	9.9	4.5	21.6	29.6	33.2
MIN	1.6	1.8	1.8	2.6	2.4	2.5	3.1	1.8	1.6	1.5		1.7

CAL YR 1974 MAX 18.7 MIN -
WTR YR 1975 MAX 42.8 MIN 1.5

02372430 (NWS 01-6937-07) Conecuh River at River Falls, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.60	1.40	3.30	12.80	11.50	6.60	10.60	1.90	1.80			1.90
2	2.20	1.40	3.20	16.90	13.30	6.10	11.70	1.90	2.00			1.80
3	1.70	1.40	3.30	14.80	14.50	5.90	14.60	2.10	2.40			1.80
4	1.40	1.40	2.90	11.40	13.00	5.60	13.30	2.40	1.90			1.90
5	1.50	1.50	4.40	8.90	11.30	5.60	18.50	2.90	2.10			1.70
6	3.10	1.50	1.50	8.60	10.40	4.40		3.10	2.40			1.80
7	2.80	1.40	1.50	6.20	14.30	3.10	18.40	2.30	2.00			1.90
8	1.50	1.50	4.50	5.90	15.90	2.80	18.70	2.10	1.90			3.90
9	1.50	1.40	4.30	4.90	13.60	2.80	18.40	2.60	1.70			7.50
10	1.50	1.50	4.30	6.60	13.00	3.10	17.90	2.10	1.70			7.90
11	1.50	1.50	4.10	6.20	12.70	4.10	15.60	2.80	1.90			5.80
12	1.40	1.40	1.60	5.90	12.10	3.20	13.30	2.20	1.90			1.90
13	1.60	1.40	2.80	5.80	13.80	6.00	10.90	2.00	1.60			1.80
14	1.50	1.50	2.70	5.90	15.60	4.90	10.30	2.00	1.70			1.70
15	1.50	1.50	2.90	4.40	10.60	4.40	9.80	1.90	1.90			2.00
16	1.50	1.50	2.50	3.40	9.10	1.80	10.80	1.80	1.80			1.90
17	1.70		2.60	2.90	8.00	5.10	9.80	1.80	2.00			1.80
18	1.50		2.40	1.60	7.10	3.80	10.00	1.80	1.70			2.00
19	1.40		2.00	1.60	6.90	1.90	10.50	2.90	1.80			1.90
20	1.60		3.70	1.50	6.40	1.80	9.10	1.90	1.90			1.90
21	1.70		3.90	6.70	7.00	4.30	7.90	1.80	2.00			1.80
22	1.50	1.50	3.40	16.40	7.80	6.40	6.80	1.80	1.80			1.90
23	1.50	1.50	3.10	13.80	7.90	5.30	5.90	1.90	1.70			1.90
24	1.40	1.50	3.70	10.20	8.30	5.00	6.10	2.20	2.00			1.70
25	1.40	1.60	3.60	11.70	8.40	6.10	6.00	1.70	1.80			1.70
26	1.40	1.60	3.60	10.40	8.60	7.70	3.10	1.80	1.70			1.90
27	1.40	1.40	6.20	14.00	8.20	7.80	3.20	3.90	1.90			2.10
28	1.40	3.80	6.40	14.80	7.70	11.00	3.00	2.20	2.80			2.00
29	1.40	3.30	7.10	12.80	------	10.90	2.90	2.00	2.10			1.80
30	1.40	2.50	9.80	11.60	------	10.90	1.80	1.90	2.00			1.90
31	1.40	------	10.20	13.20	------	10.80	------	1.70	------			------
MAX	3.1	3.8	10.2	16.9	15.9	11.0	18.7	3.9	2.8			7.9
MIN	1.4	1.4	1.5	1.5	6.4	1.8	1.8	1.7	1.6			1.7

CAL YR 1973 MAX 40.8 MIN 1.20
WTR YR 1974 MAX 18.7 MIN -

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.80	1.80	1.70	3.30	7.80	6.80	27.00	25.30	7.90	2.00	7.10	1.50
2	1.80	1.70	1.80	9.50	8.10	6.80	29.30	18.00	7.00	2.00	7.10	1.60
3	1.80	1.80	1.70	10.40	7.50	6.60	40.20	13.80	7.10	2.10	7.00	4.70
4	1.80	1.70	1.70	10.20	7.80	6.70	40.80	10.60	7.30	2.10	5.80	4.60
5	1.80	1.80	1.70	14.00	8.10	6.30	33.90	7.60	7.20	2.10	3.20	4.90
6	1.80	1.80	2.20	17.90	8.30	6.80	21.00	6.90	7.10	2.20	2.20	5.00
7	1.80	1.70	10.90	16.40	8.30	6.90	20.50	6.80	7.00	2.20	2.20	5.00
8	1.70	1.80	8.70	13.60	9.40	11.30	33.80	24.00	7.50	2.10	2.20	4.70
9	1.80	1.70	9.30	13.80	9.60	9.70	27.70	7.80	7.40	2.20	2.20	4.80
10	1.70	1.80	9.80	14.20	10.20	8.80	23.60	7.50	7.80	2.20	2.20	4.90
11	1.80	1.80	10.20	6.00	10.80	8.90	21.30	7.90	7.90	2.20	6.30	4.90
12	1.80	1.70	9.10	5.70	11.20	28.70	22.90	8.70	7.00	2.20	6.80	4.10
13	1.80	1.70	7.50	5.30	10.90	22.60	20.50	8.90	9.70	2.20	6.20	1.30
14	1.70	3.10	7.30	4.90	10.40	18.10	16.10	9.30	9.20	2.10	4.80	3.80
15	1.80	3.20	7.00	6.20	13.20	14.80	13.80	8.90	7.00	2.20	4.80	1.40
16	1.70	1.70	6.30	6.10	14.90	9.50	11.30	7.20	7.20	2.10	5.70	3.20
17	1.70	1.70	5.70	5.90	14.30	9.20	8.60	5.90	8.10	2.20	5.20	3.40
18	1.80	1.80	5.30	5.50	14.40	13.30	8.50	6.50	8.20	2.10	4.80	1.20
19	1.80	3.20	5.40	5.20	14.90	16.80	17.80	4.90	10.30	2.20	4.80	3.40
20	1.80	3.00	5.00	5.70	14.80	12.90	11.10	4.20	7.90	2.20	5.00	1.40
21	1.70	3.50	13.50	5.80	14.90	12.70	9.80	2.60	8.00	2.20	1.20	1.40
22	1.80	4.10	18.30	5.80	9.50	10.50	8.90	1.90	8.60	2.20	1.40	3.40
23	1.80	4.20	16.30	5.80	9.40	11.50	8.80	1.80	7.20	2.20	1.40	3.60
24	1.80	4.20	17.20	6.10	9.90	9.30	8.90	1.90	5.60	2.20	1.50	1.50
25	1.80	4.30	15.90	6.20	9.40	13.80	7.50	1.90	3.80	2.20	1.50	1.40
26	1.80	4.30	15.20	6.70	8.00	12.20	7.50	4.10	2.20	2.30	1.40	1.50
27	5.60	4.20	14.90	6.40	6.90	11.80	13.60	6.70	2.10	2.30	1.60	3.10
28	5.40	1.70	14.60	7.40	6.90	11.20	10.50	7.00	2.20	2.20	1.50	3.30
29	5.30	1.70	8.40	7.80	------	11.70	9.50	6.90	2.10	2.30	1.50	3.10
30	2.40	1.80	3.70	8.20	------	7.80	25.70	7.80	2.10	2.20	1.50	3.20
31	2.00	------	3.40	7.80	------	20.50	------	8.00	------	2.30	1.50	------
MAX	5.6	4.3	18.3	17.9	14.9	28.7	40.8	25.3	10.3	2.3	7.1	5.0
MIN	1.7	1.7	1.7	3.3	6.9	6.3	7.5	1.8	2.1	2.0	1.2	1.2

CAL YR 1972 MAX 32.3 MIN -
WTR YR 1973 MAX 40.8 MIN 1.2

02372430 (NWS 01-6937-07) Conecuh River at River Falls, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				4.10	8.20	3.80	2.90	1.90	2.00	10.20	2.10	1.80
2				5.50	9.30	6.20	3.20	1.90	2.00	11.40	2.10	1.70
3				4.60	9.60	19.30	2.70	1.90	1.80	8.30	2.20	1.70
4				4.80	9.80	28.10	4.00	1.80	1.80	4.00	2.10	1.70
5				6.60	11.00	30.10	3.40	2.00	1.80	2.60	2.10	1.70
6				7.50	9.30	32.30	3.90	1.90	1.80	2.00	2.10	1.70
7				7.50	14.70	28.50	2.40	1.90	1.80	4.90	2.10	1.70
8				7.50	14.40	23.60	4.50	7.20	1.80	2.90	2.10	1.70
9				6.60	14.40	17.40	3.80	6.80	1.80	2.00	2.10	1.70
10				5.50	11.80	14.10	5.00	4.50	1.80	2.00	2.10	1.70
11				6.80	11.90	12.70	3.80	6.40	1.80	2.00	2.10	1.70
12				6.60	10.50	11.30	4.20	6.20	1.80	2.00	2.10	1.70
13				5.30	11.40	9.90	2.40	5.10	1.90	2.00	2.10	1.70
14				9.40	11.40	8.50	2.40	2.50	1.90	3.80	2.20	1.70
15				13.90	8.60	8.10	3.30	3.80	1.80	1.70	2.20	1.70
16			3.80	14.00	7.50	7.20	3.30	3.70	1.80	1.90	2.10	1.70
17			3.50	13.50	8.60	7.20	4.00	2.20	1.70	2.00	2.10	1.70
18			3.80	16.50	7.50	7.20	2.40	2.80	1.80	2.00	2.10	1.70
19			4.20	13.90	7.10	7.20	3.90	2.00	1.90	2.00	2.10	1.70
20			8.80	14.00	7.00	7.10	2.40	2.20	1.90	2.00	2.10	1.70
21			10.00	14.00	6.90	7.10	2.40	2.10	1.80	2.00	2.10	1.70
22			10.10	10.90	7.00	6.60	2.60	1.90	2.00	2.00	2.20	1.70
23			10.20	9.70	6.90	6.50	3.10	1.90	1.80	2.00	2.00	1.70
24			9.40	9.20	5.60	6.40	2.50	1.90	1.80	2.30	2.10	1.70
25			8.60	9.00	6.30	2.50	3.00	1.80	1.80	2.20	1.70	1.70
26			8.80	7.70	4.20	3.30	2.40	1.80	6.20	2.10	1.80	1.80
27			9.80	7.80	6.20	4.20	1.90	1.80	6.80	2.10	1.80	1.80
28			8.40	7.20	5.00	3.10	1.90	1.90	7.10	2.10	1.80	1.80
29			5.00	9.00	5.20	2.90	1.90	2.00	8.90	2.10	1.70	1.80
30			4.80	6.90	------	5.30	2.20	2.00	9.50	2.20	1.70	1.80
31		------	4.70	7.80	------	5.10	------	2.00	------	2.10	1.70	------
MAX				16.5	14.7	32.3	5.0	7.2	9.5	11.4	2.2	1.8
MIN				4.1	4.2	2.5	1.9	1.8	1.7	1.7	1.7	1.7

WTR YR 1971 MAX 32.3 MIN -

02373000 Sepulga River near McKenzie, Ala.

LOCATION.--Lat 31°27'47", long 86°47'16", in SE¼ sec. 30, T. 6 N., R. 13 E., Conecuh County, on left bank at downstream side of Watt Bridge on U.S. Highway 31, 0.38 mi (0.61 km) upstream from Old Town Creek, 2.5 mi (4.0 km) upstream from Piney Woods Creek, 5.5 mi (8.8 km) downstream from Persimmon Creek, and 7 mi (11 km) southwest of McKenzie.

DRAINAGE AREA.--464 mi^2 (1,202 km^2)

PERIOD OF RECORD.--October 1937 to September 1967. Annual maximums, water years 1968-70, and low-flow discharge measurement, water year 1967. October 1974 to current year.

GAGE.--Recording gage. Datum of gage is 155.96 ft (47.537 m) above mean sea level, unadjusted (levels by Corps of Engineers). Prior to Mar. 25, 1939, nonrecording gage, and Mar. 26, 1939, to July 29, 1960, recording gage at same site and datum.

AVERAGE DISCHARGE.--31 years (1937-67, 1974-75), 663 ft^3/s (18.78 m^3/s), 19.40 in/yr (493 mm/yr).

EXTREMES.--Current year: Maximum discharge, 18,500 ft^3/s (524 m^3/s) Feb. 19 (gage height, 22.80 ft or 6.949 m); minimum daily, 80 ft^3/s (2.27 m^3/s) Oct. 15.
Period of record: Maximum discharge, 28,100 ft^3/s (796 m^3/s) Mar. 17, 1938; maximum gage height, 24.70 ft (7.528 m) Feb. 26, 1961; minimum discharge, 3.5 ft^3/s (0.099 m^3/s) Sept. 15, 28, 29, 30, 1954.
Flood in March 1929 reached a stage of 33 ft (10.1 m).

REMARKS.--Records fair except those for period of no gage-height record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	680	87	470	454	679	1,030	1,730	499	485	241	8,580	156
2	580	87	756	411	635	903	1,430	593	494	252	12,600	142
3	400	85	595	378	670	815	1,360	631	438	387	11,500	132
4	250	83	446	426	719	752	1,220	562	372	498	8,030	132
5	200	86	308	506	982	704	1,080	509	265	396	4,100	129
6	160	85	253	562	1,300	666	926	550	216	241	2,880	187
7	140	84	281	500	1,210	643	752	573	190	166	2,770	1,050
8	120	87	332	1,350	993	828	648	873	175	138	3,030	526
9	110	98	374	2,530	773	963	880	885	174	125	2,350	515
10	110	101	368	3,310	665	868	6,730	709	216	126	1,490	350
11	100	107	297	3,870	622	723	5,240	558	345	139	950	259
12	96	119	252	4,440	703	625	4,290	440	640	189	739	223
13	90	109	227	4,990	1,370	597	3,090	430	742	214	664	206
14	85	117	215	4,620	1,180	735	2,750	406	643	178	547	191
15	80	147	473	3,330	903	824	3,490	514	526	242	423	184
16	90	136	1,480	2,370	1,120	1,690	5,510	690	537	205	340	179
17	120	140	1,820	1,860	3,180	2,790	7,380	1,000	514	168	287	217
18	200	178	1,280	1,390	12,300	4,330	4,940	1,060	390	122	251	430
19	210	214	1,010	983	17,900	5,610	2,700	775	302	102	221	376
20	180	370	980	902	13,800	6,410	1,860	531	233	91	220	326
21	160	708	1,310	899	8,530	5,250	1,170	372	189	190	232	350
22	130	687	1,320	814	4,000	3,210	903	302	177	185	184	868
23	120	486	1,060	779	2,330	2,290	763	259	595	381	173	3,880
24	110	348	970	1,020	2,190	1,720	670	234	406	328	177	4,970
25	110	237	1,310	1,350	2,300	1,570	609	218	229	220	181	5,860
26	100	195	1,260	1,560	1,870	1,950	561	205	183	142	241	4,970
27	94	172	996	1,500	1,490	1,680	521	217	158	112	171	3,140
28	92	158	764	1,250	1,270	1,520	485	230	146	102	181	2,360
29	90	152	622	1,020	------	1,390	461	188	151	104	348	1,500
30	88	227	554	831	------	1,200	437	294	201	278	203	949
31	88	------	498	737	------	1,860	------	266	------	5,180	181	------
TOTAL	5,183	5,890	22,881	50,942	85,684	56,146	64,586	15,573	10,332	11,442	64,244	34,757
MEAN	167	196	738	1,643	3,060	1,811	2,153	502	344	369	2,072	1,159
MAX	680	708	1,820	4,990	17,900	6,410	7,380	1,060	742	5,180	12,600	5,860
MIN	80	83	215	378	622	597	437	188	146	91	171	129
CFSM	.36	.42	1.59	3.54	6.59	3.90	4.64	1.08	.74	.80	4.47	2.50
IN.	.42	.47	1.83	4.08	6.87	4.50	5.18	1.25	.83	.92	5.15	2.79

WTR YR 1975 TOTAL 427,660 MEAN 1,172 MAX 17,900 MIN 80 CFSM 2.53 IN 34.29

PEAK DISCHARGE (BASE, 3,500 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-13	0700	10.55	5,020	4-17	0900	14.05	7,640
2-19	0800	22.80	18,500	8-02	1300	19.71	13,100
3-20	1200	12.65	6,520	9-25	1500	11.73	6,020
4-10	1300	15.11	8,600				

NOTE.--No gage-height record Oct. 1-30.

ESCAMBIA RIVER MAIN STEM

02374250 (NWS 01-1084-07) Conecuh River at Brewton, Ala.

LOCATION.--Lat 31°04', long 87°05', in NE¼ sec.9, T. 1 N., R. 10 E., Escambia County, on downstream side of bridge on State Highway 41, 1.0 mi (1.6 km) south of East Brewton, 2.7 mi (4.3 km) upstream from Murder Creek.

DRAINAGE AREA.--2,650 mi^2, approximately (6,864 km^2, approximately).

PERIOD OF RECORD.--February 1929 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. February 1929 to December 1971 in reports of National Weather Service.

GAGE.--Nonrecording gage. Datum of gage is 53.10 ft (16.185 m) above mean sea level.

EXTREMES.--Maximum and minimum gage heights (at 0700) for the water years 1972-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1972	Mar. 9, 1972	14.9	4.54	Sept. 18-21, 1972	-1.7	-0.52
1973	Apr. 6, 1973	19.8	6.04	Oct. 19-23, 1973	-1.8	-0.55
1974	Jan. 3, 1974	13.9	4.24	July 15, 19, 1974	-1.0	-0.30
1975	Apr. 12, 1975	20.0	6.10			

Period of record: Maximum, 36.6 ft (11.16 m) Mar. 15, 1929; minimum, -2.0 ft (-0.61 m) Sept. 11, 1963, and July 2, 1969.

COOPERATION.--Records furnished by National Weather Service.

REVISIONS.--In reports of National Weather Service, the datum of the gage was erroneously listed as 57.2 ft (17.43 m). The datum of the gage has remained unchanged since station was established.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.20				4.50	10.90	10.50	5.80	6.60	2.20	18.20	2.90
2	1.90				4.30	9.00	9.80	6.10	4.10	2.20	18.10	2.70
3	2.10				4.20	8.40	8.00	5.40	5.70	2.00	17.60	2.50
4	1.40				4.10	8.10	7.50	5.60	5.20	2.10	17.40	2.20
5	1.10				4.20	7.70	7.20	6.00	4.60	5.80	17.20	2.10
6	.60				6.60	7.00	7.00	6.70	3.60	4.20	17.00	2.20
7	.40				6.10	6.80	6.10	6.50	3.10	2.60	16.70	6.10
8	.10				5.70	6.50	5.90	6.50	2.70	2.30	16.30	6.00
9	.00				5.40	6.40	5.80	8.30	3.00	1.70	15.80	4.40
10	.00				5.00	6.20	11.20	7.90	4.10	2.00	14.80	4.00
11	.10				4.70	5.90	18.80	6.20	3.70	1.80	13.80	3.70
12	.10				4.50	5.70	20.00	5.10	5.20	1.80	13.00	3.20
13	-1.00				4.20	5.20	19.70	4.20	9.00	1.90	11.60	2.90
14	-.60				3.90	6.40	18.60	4.00	8.60	2.00	10.40	2.60
15	-.80				3.90	7.80	18.00	6.10	7.20	2.10	9.40	2.40
16	-.90			11.70	3.80	7.70	17.20	8.70	7.50	2.00	8.60	2.80
17	.60			11.30	7.60	10.40	16.60	10.00	7.50	3.20	7.40	4.80
18	.70			10.70	11.40	11.60	16.00	9.40	6.10	3.20	6.90	5.70
19	.50			9.50	13.30	14.00	15.80	8.80	6.20	2.50	6.10	3.40
20	.30			7.20	14.80	15.10	15.70	8.00	5.10	2.10	5.90	4.70
21	.60			6.60	15.70	15.40	15.30	6.70	4.60	1.70	5.20	4.90
22	.30			5.40	17.80	15.90	14.40	5.90	4.30	6.70	4.70	8.40
23				5.20	19.80	16.10	11.80	5.60	3.40	7.10	4.20	14.00
24				5.50	19.30	15.80	8.30	4.90	3.20	5.10	3.60	15.40
25				5.80	17.70	14.90	7.60	4.40	3.00	5.20	3.30	15.60
26				5.90	16.50	13.40	6.90	3.30	2.80	5.10	3.40	15.50
27				5.90	14.50	12.50	6.40	2.50	2.30	4.90	3.50	15.60
28				6.20	14.20	10.20	6.10	2.90	1.70	4.70	3.80	15.90
29				5.70	------	9.00	5.60	2.90	2.00	4.00	3.70	15.70
30				5.30	------	9.60	5.00	3.00	2.50	4.00	3.50	
31		------		4.90	------	10.30	------	5.80	------	12.80	3.40	------
MAX					19.8	16.1	20.0	10.0	9.0	12.8	18.2	
MIN					3.8	5.2	5.0	2.5	1.7	1.7	3.3	

CAL YR 1974 MAX - MIN -
WTR YR 1975 MAX 20.0 MIN -

02374250 (NWS 01-1084-07) Conecuh River at Brewton, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.10	-.40	2.10	11.20	11.30	6.40	9.20	2.00	1.20	-.50	2.00	.60
2	1.80	.10	1.80	13.20	11.00	5.90	9.00	2.00	1.30	-.70	1.50	.90
3	2.20	.00	1.70	13.90	10.40	5.00	10.20	1.90	1.90	-.60	1.00	1.20
4	1.40	.00	1.60	13.10	10.20	5.00	10.80	1.80	1.50	-.70	1.10	1.30
5	1.20	.00	1.60	11.80	10.00	4.70	11.60	1.70	.80	.30	1.30	1.50
6	1.10	-.20	4.70	9.80	8.80	4.50	12.30	1.60	1.20	.40	1.00	1.40
7	1.00	.20	3.40	9.40	10.00	4.40	12.10	1.60	1.00	1.70	1.10	1.50
8	1.00	.40	3.00	8.10	12.80	3.60	11.90	1.60	1.30	1.60	1.60	2.30
9	1.80	.00	3.00	6.80	13.60	3.20	11.70	1.60	3.10	1.40	2.60	10.20
10	.60	.10	3.00	5.80	13.20	3.20	11.80	2.40	2.50	.50	3.10	12.00
11	.20	.10	2.50	5.50	12.70	3.20	11.80	2.30	3.20	.50	3.80	11.20
12	.10	.20	2.40	5.50	12.40	2.80	10.60	2.70	3.40	.40	2.40	9.30
13	.10	.00	1.80	5.00	11.60	2.60	9.60	2.80	3.60	.20	2.00	7.60
14	.60	-.20	1.40	4.30	10.90	3.70	8.00	2.20	3.10	.10	3.60	4.20
15	1.00	-.30	1.40	4.20	10.40	2.80	8.90	2.20	3.00	-1.00	3.00	3.20
16	1.00	.20	1.30	3.80	9.50	2.90	10.60	1.70	2.80	.10	2.30	2.30
17	.20	1.00	1.20	3.10	8.40	2.70	11.20	1.80	2.60	-.80	2.90	1.90
18	.10	.40	1.20	2.70	7.60	2.20	11.00	1.40	2.40	-.60	3.60	1.60
19	.00	.10	1.20	3.00	6.60	2.20	10.00	1.70	2.40	-1.00	4.50	1.20
20	1.00	.00	1.20	3.00	6.90	2.60	9.50	3.10	1.40	-.90	4.20	.90
21	.90	.10	3.30	6.90	6.60	3.60	8.00	4.60	1.40	-.70	2.90	.80
22	.80	4.30	3.00	11.00	6.60	4.60	7.20	1.90	1.50	-.80	2.00	.90
23	.80	3.40	2.40	11.70	7.60	5.00	5.80	1.90	1.10	-.90	1.30	1.30
24	.80	2.70	2.30	11.60	8.00	4.90	5.10	2.40	1.00	-.70	1.10	.70
25	.70	2.60	2.30	10.50	8.30	4.90	5.00	1.90	.50	-.90	.90	.50
26	-.30	2.90	4.10	9.80	7.90	4.50	4.30	1.70	.40	.30	.40	.20
27	-.40	2.50	9.60	9.90	7.40	6.50	3.60	1.90	.30	-.70	.30	.50
28	-.40	2.40	8.90	11.40	6.50	8.20	3.20	3.00	.10	.70	.40	.40
29	-.50	2.90	7.40	11.90	------	10.30	3.00	2.30	.00	1.10	.30	.60
30	-.50	3.00	7.60	11.90	------	10.40	2.50	1.50	.00	.60	.40	.90
31	-.50	------	8.70	11.60	------	9.50	------	1.50	------	2.20	.50	------
MAX	2.2	4.3	9.6	13.9	13.6	10.4	12.3	4.6	3.6	2.2	4.5	12.0
MIN	-0.5	-0.4	1.2	2.7	6.5	2.2	0	1.4	0	-1.0	0.3	0.2

CAL YR 1973 MAX 19.8 MIN -0.5
WTR YR 1974 MAX 13.9 MIN -1.0

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.40	.10	-.60	7.80	5.10	4.80	14.70	12.60	6.60	2.00	4.80	.30
2	-1.40	-.70	-.60	9.30	6.20	4.70	15.70	13.40	8.50	2.00	6.10	.40
3	-1.40	-1.10	-.70	10.10	8.70	4.80	16.20	13.40	8.20	1.50	5.80	.50
4	-1.40	-1.20	-.90	10.80	8.90	4.90	16.80	12.20	6.50	1.60	5.40	1.70
5	-1.50	-.60	-1.00	11.00	9.10	5.30	18.50	9.70	7.10	1.40	4.10	2.00
6	-1.40	-.40	1.20	10.70	8.70	6.00	19.80	7.00	8.20	1.60	3.30	2.50
7	-1.40	-.60	8.30	10.70	8.50	6.00	19.20	5.90	8.50	3.10	4.00	2.80
8	-1.50	-1.20	9.60	10.60	8.10	12.40	18.80	6.10	8.00	2.30	3.60	2.60
9	-1.60	-1.30	8.60	10.10	8.20	14.00	18.00	12.00	7.10	2.80	3.30	2.50
10	-1.60	-1.20	8.10	9.70	9.10	12.00	17.50	12.00	7.20	2.70	4.00	2.60
11	-1.70	-1.10	8.00	9.90	9.70	12.20	16.90	9.80	7.60	2.80	4.30	3.00
12	-1.70	-1.30	7.30	8.10	10.30	12.70	16.20	8.70	7.20	2.80	4.30	3.40
13	-1.70	-1.40	6.40	7.50	10.10	15.10	15.30	8.00	7.20	2.40	4.40	2.50
14	-1.70	-1.00	5.00	6.60	9.70	15.70	14.60	7.60	8.10	2.40	4.30	2.70
15	-1.70	.90	4.90	5.90	11.20	15.50	13.40	7.30	8.60	4.10	3.50	3.20
16	-1.70	.60	5.80	5.40	12.00	14.70	11.30	6.30	7.70	4.10	3.50	2.10
17	-1.70	.10	5.00	4.90	12.20	13.50	9.60	5.40	7.10	3.60	4.20	1.50
18	-1.70	.00	4.30	4.70	12.00	12.80	8.40	4.70	7.60	3.40	3.70	1.40
19	-1.80	.20	3.60	5.30	11.90	12.70	8.40	4.50	8.90	3.00	3.40	.60
20	-1.80	.10	4.00	6.10	11.10	12.80	12.20	3.40	9.30	2.40	3.20	.50
21	-1.80	.40	7.00	6.20	10.70	12.40	12.90	2.80	8.60	3.50	3.10	.80
22	-1.80	.80	13.00	6.20	9.80	11.70	11.80	2.70	7.30	3.20	1.30	.60
23	-1.80	.80	13.70	7.00	8.10	10.90	10.70	2.10	7.80	3.20	.70	.60
24	-1.50	.80	13.40	6.60	6.60	10.50	9.30	2.70	6.70	2.20	.70	.70
25	-.10	.90	12.20	6.80	6.10	10.00	8.50	3.20	5.80	1.90	.30	.60
26	-1.00	1.00	11.10	6.60	5.80	12.20	7.50	3.50	4.00	2.90	.30	.50
27	-.90	1.30	10.00	6.40	5.30	12.80	8.80	9.00	3.30	3.70	.30	1.00
28	.00	1.00	10.00	6.20	5.00	12.30	11.30	11.60	3.30	5.20	.40	1.10
29	.40	-.20	9.50	6.20	------	11.80	11.40	9.70	2.50	4.90	.40	2.00
30	.70	-.60	7.30	5.90	------	11.40	11.50	7.40	2.50	4.60	.40	1.40
31	.10	------	7.50	5.30	------	12.00	------	6.80	------	5.20	.50	------
MAX	0.7	1.3	13.7	11.0	12.2	15.7	19.8	13.4	9.3	5.2	6.1	3.4
MIN	-1.8	-1.4	-1.0	4.7	5.0	4.7	7.5	2.1	2.5	1.4	0.3	0.3

CAL YR 1972 MAX 14.9 MIN -1.8
WTR YR 1973 MAX 19.8 MIN -1.8

ESCAMBIA RIVER MAIN STEM

02374250 (NWS 01-1084-07) Conecuh River at Brewton, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.30	-.80	.50	2.90	7.40	3.50	3.80	.70	.20	4.60	.40	-1.30
2	.20	-.90	.80	2.80	8.20	3.20	3.20	.30	-.30	4.70	.20	-1.30
3	.20	-.80	2.10	2.70	8.80	6.40	2.80	.60	-.40	4.80	.00	-1.40
4	.40	-.70	4.50	3.30	9.20	10.20	2.30	.50	-.50	3.60	-.30	-1.40
5	.00	-.70	4.60	3.80	9.10	11.70	2.90	.20	-.60	2.70	-.50	-1.40
6	-.40	-.70	4.60	4.90	8.00	12.80	2.60	.20	-.50	2.10	-.50	-1.50
7	-.50	-.60	4.10	5.80	8.80	13.80	2.20	.20	-.20	1.70	-.50	-1.50
8	-.60	-.60	4.40	5.70	10.90	14.60	2.00	.70	-.80	1.60	-.50	-1.50
9	.20	-.70	4.10	4.70	12.00	14.90	2.00	8.10	-.60	1.80	-.20	-1.50
10	.60	-.90	3.90	4.60	12.00	14.10	2.00	9.00	-.60	1.90	-.90	-1.40
11	1.10	-.80	3.40	4.20	11.90	12.30	1.80	6.40	-.70	1.50	-1.00	-1.20
12	.10	-.70	2.50	4.70	11.00	10.10	1.60	4.40	-.80	1.10	-1.10	-1.30
13	-.60	-.80	2.00	4.70	10.20	7.80	1.40	4.50	-.90	.20	-1.10	-1.40
14	-.60	-.80	2.20	6.20	9.30	6.90	1.30	4.30	-.80	-.10	-1.20	-1.60
15	-.90	-.70	1.70	8.20	8.50	6.20	1.30	4.20	-.60	-.10	-1.10	-1.50
16	-.70	-1.00	1.50	8.50	7.30	5.40	1.20	3.60	-.60	-.10	-.40	-1.60
17	-.70	-.80	1.40	9.20	6.60	5.40	1.70	3.00	-.60	-.20	-.90	-1.60
18	-.70	-.80	1.70	9.60	6.40	5.50	1.10	2.80	-.80	.10	-1.20	-1.70
19	-.70	-.80	1.70	9.10	6.20	5.30	1.20	2.10	-.80	.20	-1.20	-1.70
20	-1.00	-.60	2.20	9.00	5.70	4.90	1.00	1.90	-.10	-.10	-1.20	-1.70
21	-.80	-.90	7.00	9.20	5.10	4.70	1.40	1.10	1.90	-.30	-1.20	-1.70
22	-.80	-1.10	9.30	9.20	4.80	4.60	1.40	1.00	.50	-.40	-1.10	-1.60
23	-.80	-.80	9.30	8.60	4.70	4.80	1.60	.70	-.20	-.50	-1.00	-1.60
24	-.70	-.90	8.80	8.10	4.60	4.30	1.40	.20	-.30	-.70	-.30	-1.60
25	-.70	-.80	8.10	7.60	4.20	4.00	1.60	.50	.10	-.40	-.70	-1.60
26	-.90	-.80	7.20	7.20	4.00	3.10	1.50	.10	.30	.70	-.20	-1.60
27	-.60	-.70	6.60	6.60	3.70	2.70	1.40	.20	2.20	.50	-.50	-1.50
28	-.80	-.70	5.60	6.00	3.60	2.60	.70	.10	2.20	-.30	-1.10	-1.60
29	-.80	-.30	5.20	5.30	3.50	3.00	.60	.00	3.00	-.20	-1.20	-1.50
30	-.90	.80	4.50	6.10	------	3.90	.70	.00	3.80	.10	-1.20	-1.40
31	-.80	------	3.40	7.10	------	3.70	------	-.20	------	.30	-1.20	------
MAX	1.1	0.8	9.3	9.6	12.0	14.9	3.8	9.0	3.8	4.8	0.4	-1.2
MIN	-1.0	-1.1	0.5	2.7	3.5	2.6	0.6	-0.2	-0.9	-0.7	-1.2	-1.7

CAL YR 1971 MAX 17.4 MIN -1.0
WTR YR 1972 MAX 14.9 MIN -1.7

02374500 Murder Creek near Evergreen, Ala.

LOCATION.--Lat 31°25'06", long 86°59'12", in NW¼ sec. 8, T. 5 N., R. 11 E., Conecuh County, on left bank 30 ft (9 m) upstream from bridge on U.S. Highway 31, 1 mi (1.6 km) upstream from Louisville & Nashville Railroad bridge, and 2.5 mi (4.0 km) southwest of Evergreen.

DRAINAGE AREA.--170 mi^2 (440 km^2).

PERIOD OF RECORD.--October 1937 to current year.

GAGE.--Water-stage recorder. Datum of gage is 178.29 ft (54.343 m) above mean sea level (levels by Corps of Engineers). Prior to Mar. 25, 1939, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--38 years, 276 ft^3/s (7.816 m^3/s), 22.05 in/yr (560 mm/yr).

EXTREMES.--Current year: Maximum discharge, 13,400 ft^3/s (379 m^3/s) Apr. 10 (gage height, 15.27 ft or 4.654 m); minimum, 150 ft^3/s (4.25 m^3/s), Oct. 14, 15, 27, 28 (gage height, 3.90 ft or 1.189 m).

Period of record: Maximum discharge, 22,000 ft^3/s (623 m^3/s) Feb. 25, 1961 (gage height, 16.13 ft or 4.916 m); maximum gage height, 16.65 ft (5.075 m) Mar. 16, 1938; minimum discharge, 38 ft^3/s (1.08 m^3/s) Sept. 2, 3, 1954.

Maximum stage since 1900, 26.6 ft (8.11 m), present site and datum, March 1929, from information by local residents (discharge not determined).

REMARKS.--Records good.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	231	157	484	254	276	410	585	473	780	482	3,350	319
2	217	157	452	242	272	392	448	442	667	294	1,770	284
3	192	158	291	237	342	371	497	385	390	234	1,310	256
4	172	155	232	297	334	373	492	427	277	370	1,160	241
5	170	162	214	304	521	395	383	513	246	345	1,070	230
6	169	197	207	270	533	382	347	657	234	245	1,980	261
7	165	199	274	248	393	365	328	600	230	214	1,760	546
8	162	179	350	717	302	406	326	823	253	201	1,230	477
9	158	182	281	1,110	285	412	832	1,000	457	260	834	360
10	156	181	229	985	284	364	8,430	657	438	225	658	278
11	156	184	214	948	280	336	2,600	428	687	426	595	252
12	155	267	218	772	289	328	1,350	364	1,020	951	523	248
13	155	267	214	765	393	334	923	347	851	422	474	261
14	152	209	208	620	377	404	1,170	348	497	274	450	248
15	154	205	408	431	278	389	1,940	396	404	233	396	235
16	233	202	727	372	624	760	1,550	473	522	222	366	226
17	279	201	708	349	1,850	1,240	970	558	447	225	344	247
18	245	320	371	333	3,470	1,560	750	474	384	219	329	365
19	192	328	288	324	1,390	1,760	648	340	367	217	314	381
20	172	449	397	351	920	1,080	586	295	293	326	301	277
21	161	624	467	356	816	748	538	276	249	320	316	242
22	156	522	421	323	624	574	492	265	237	427	321	305
23	155	281	314	342	662	517	460	252	237	298	324	1,340
24	155	225	397	418	942	499	440	243	230	239	443	1,750
25	155	210	473	452	818	528	437	233	214	231	406	968
26	153	201	438	431	595	559	423	233	201	252	442	567
27	152	194	323	393	482	456	403	333	191	231	525	395
28	151	191	283	324	433	389	385	347	279	218	388	347
29	153	187	273	297	------	378	370	282	321	221	340	318
30	156	285	265	286	------	496	390	484	424	509	389	310
31	159	------	257	279	------	773	------	495	------	3,670	349	------
TOTAL	5,391	7,279	10,678	13,830	18,785	17,978	29,493	13,443	12,036	13,001	23,457	12,534
MEAN	174	243	344	446	671	580	983	434	401	419	757	418
MAX	279	624	727	1,110	3,470	1,760	8,430	1,000	1,020	3,670	3,350	1,750
MIN	151	155	207	237	272	328	326	233	191	201	301	226
CFSM	1.02	1.43	2.02	2.62	3.95	3.41	5.78	2.55	2.36	2.46	4.45	2.46
IN.	1.18	1.59	2.34	3.03	4.11	3.93	6.45	2.94	2.63	2.84	5.13	2.74

CAL YR 1974 TOTAL 126,896 MEAN 348 MAX 2,300 MIN 151 CFSM 2.05 IN 27.77
WTR YR 1975 TOTAL 177,905 MEAN 487 MAX 8,430 MIN 151 CFSM 2.86 IN 38.93

PEAK DISCHARGE (BASE, 2,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-18	0500	12.37	4,820	7-31	1900	12.55	5,200
3-18	2400	10.34	2,020	8-06	0300	10.68	2,340
4-10	1300	15.27	13,400	9-24	0100	10.40	2,070
4-15	0100	10.46	2,120				

02374660 Murder Creek at Kirkland, Ala.

LOCATION.--Lat 31°11'30", long 87°01'35", in SE¼ sec. 26, T. 3 N., R. 10 E., Escambia County, on downstream side of wooden bridge crossing, 0.3 mi (0.5 km) northeast of Kirkland, and 5.0 mi (8.0 km) north of Brewton.

DRAINAGE AREA.--323 mi^2 (837 km^2).

PERIOD OF RECORD.--October 1974 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 95 ft (28.96 m) from topographic map.

EXTREMES.--Maximum discharge during period, 28,800 ft^3/s (816 m^3/s) Apr. 11 (gage height, 24.50 ft or 7.47 m); minimum daily, 240 ft^3/s (6.80 m^3/s) Oct. 28, 29.

REMARKS.--Records good except those for periods of no gage-height record, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	370	250	688	433	511	751	1,010	780	934	757	7,920	526
2	330	250	655	418	499	712	853	880	1,010	694	7,200	472
3	310	250	544	400	514	670	784	750	826	676	3,060	409
4	280	250	397	526	595	673	796	710	592	600	2,070	363
5	270	300	348	577	1,020	751	718	830	478	700	1,720	353
6	270	320	325	508	1,000	703	634	1,000	448	540	1,760	365
7	260	300	466	448	826	655	592	1,200	427	440	2,580	892
8	260	290	661	955	652	721	574	1,100	436	380	2,670	943
9	250	290	541	1,420	571	715	937	1,500	700	450	1,850	715
10	250	290	427	1,430	556	661	11,700	1,800	810	500	1,330	553
11	250	300	368	1,700	541	613	22,100	1,100	1,100	610	1,130	472
12	250	380	350	1,570	544	589	6,460	720	1,700	1,000	998	454
13	250	420	348	1,360	556	613	2,700	650	1,800	1,800	853	427
14	250	380	335	1,110	624	967	1,800	640	1,200	800	766	403
15	250	330	604	913	544	802	1,800	670	830	500	718	397
16	320	330	1,090	748	802	1,130	3,000	780	950	440	652	379
17	430	330	946	679	2,010	1,530	3,500	817	925	420	601	427
18	370	400	817	637	2,240	2,410	2,300	802	829	410	565	589
19	310	520	574	622	4,260	3,280	1,600	694	826	400	577	610
20	280	640	694	655	2,570	2,820	1,300	586	901	440	547	538
21	260	740	772	655	1,520	1,830	1,100	532	745	600	523	451
22	250	721	715	607	1,210	1,290	930	499	586	630	526	526
23	250	562	613	631	1,150	1,020	870	469	523	760	514	1,870
24	250	385	652	742	1,380	928	820	463	487	540	625	2,470
25	250	333	715	760	1,330	934	800	445	469	450	673	2,540
26	250	313	700	772	1,160	868	780	427	445	450	748	1,570
27	250	295	622	694	910	838	740	451	415	470	787	974
28	240	285	520	634	802	748	700	550	394	450	685	766
29	240	278	487	568	------	703	680	511	418	517	640	703
30	250	382	466	535	------	808	730	634	613	1,370	577	646
31	260	------	448	520	------	990	------	790	------	6,160	565	------
TOTAL	8,560	11,114	17,888	24,227	30,897	32,723	73,308	23,780	22,817	24,954	46,430	22,803
MEAN	276	370	577	782	1,103	1,056	2,444	767	761	805	1,498	760
MAX	430	740	1,090	1,700	4,260	3,280	22,100	1,800	1,800	6,160	7,920	2,540
MIN	240	250	325	400	499	589	574	427	394	380	514	353
CFSM	.85	1.15	1.79	2.42	3.41	3.27	7.57	2.37	2.36	2.49	4.64	2.35
IN.	.99	1.28	2.06	2.79	3.56	3.77	8.44	2.74	2.63	2.87	5.35	2.63

WTR YR 1975 TOTAL 339,501 MEAN 930 MAX 22,100 MIN 240 CFSM 2.88 IN 39.10

PEAK DISCHARGE (BASE, 3,500 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-19	1400	12.16	4,780	8-02	0400	16.86	7,950
4-11	0200	24.50	28,800				

NOTE.--No gage-height record Oct. 1 to Nov. 21, Apr. 12 to May 15.

ESCAMBIA RIVER MAIN STEM

02375500 Escambia River near Century, Fla.

LOCATION.--Lat 30°57'54", long 87°14'03", in NW¼ sec.10, T.5 N., R.30 W., Santa Rosa County, Hydrologic Unit 03140305, on left bank 16 ft downstream from bridge on State Highway 4, 1.2 mi (1.9 km) downstream from Escambia Creek, 1.7 mi (2.7 km) east of Century, and 52 mi (83 km) above mouth.

DRAINAGE AREA.--3,817 mi^2 (9,886 km^2).

PERIOD OF RECORD.--October 1934 to current year.

GAGE.--Water-stage recorder. Datum of gage is 28.34 ft (8.638 m) above mean sea level (Florida State Road Department bench mark). Prior to Jan. 13, 1940, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--41 years, 6,171 ft ^{3}/s, (174.8 m^3/s), 21.95 in/yr, (558 mm/yr).

EXTREMES.--Current year: Maximum discharge, 92,300 ft ^{3}/s (2,610 m^3/s) Apr. 12 (gage height, 23.32 ft or 7.108 m); minimum, 1,340 ft ^{3}/s (38.0 m^3/s) Nov. 1 (gage height, 3.22 ft or 0.982 m).
Period of record: Maximum discharge, 92,300 ft ^{3}/s (2,610 m^3/s) Apr. 12, 1975 (gage height, 23.32 ft or 7.108 m); minimum, 578 ft ^{3}/s (16.4 m^3/s) Oct. 23, 1968; minimum gage height, 1.30 ft (0.396 m) Sept. 15, Oct. 20, 21, 1954.
Flood in March 1929 reached a stage of 37.8 ft or 11.52 m present datum (discharge not determined), from information by local residents.

REMARKS.--Records good below 25,000 ft ^{3}/s and poor above. Some gage height fluctuations during periods of low flow are attributed to regulation by power plants located at Point-A dam, located 85.4 mi (137.4 km) and Gantt Dam, located 90.1 mi (144.9 km) above the gaging station.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,650	1,360	4,050	4,830	5,690	19,300	16,700	8,390	9,470	4,810	69,700	5,550
2	2,990	1,420	5,420	4,320	5,530	15,300	16,600	9,230	10,600	4,680	73,000	5,220
3	3,210	1,410	4,820	3,670	5,310	12,600	14,300	8,150	9,310	4,220	57,500	4,650
4	2,790	1,440	3,870	3,710	5,300	11,500	11,500	7,790	7,250	4,760	47,100	4,230
5	2,550	1,450	3,580	3,990	6,620	11,600	10,600	8,490	6,150	6,500	43,200	4,090
6	2,260	1,510	3,300	4,030	9,110	10,800	9,430	9,140	5,310	6,290	41,600	4,290
7	1,950	1,550	3,660	3,810	9,410	8,910	8,100	9,900	5,730	4,720	40,400	6,010
8	1,890	1,470	4,850	5,770	8,040	7,960	7,520	11,800	5,150	3,960	40,400	9,920
9	1,760	1,530	4,530	9,950	6,940	8,280	7,700	16,000	5,080	3,430	38,500	10,100
10	1,740	1,530	3,690	12,800	6,400	8,250	19,000	16,100	6,270	3,530	35,000	7,490
11	1,700	1,540	3,170	15,500	6,040	7,570	58,500	12,700	6,230	3,490	31,200	6,160
12	1,620	1,800	3,010	18,000	5,820	7,080	88,500	8,880	7,770	3,750	28,100	5,610
13	1,560	2,100	3,130	20,600	5,700	6,690	69,400	6,750	11,800	4,260	23,400	5,220
14	1,520	1,970	3,080	21,100	5,440	8,810	56,100	6,150	15,100	4,080	19,300	4,870
15	1,470	1,740	3,100	20,500	5,300	10,900	56,400	6,720	14,300	3,900	16,200	4,370
16	2,040	1,730	5,460	19,500	6,070	11,700	51,600	9,560	12,400	3,570	13,800	4,060
17	2,290	1,870	8,240	18,600	12,900	14,900	44,100	12,800	11,600	3,760	11,600	4,190
18	2,340	2,290	8,530	17,700	17,800	20,300	38,600	14,100	9,310	4,240	9,790	5,220
19	2,030	3,320	7,250	16,100	23,800	30,300	35,200	13,200	8,200	3,890	8,770	6,980
20	1,790	3,670	6,400	13,000	28,700	34,800	33,600	11,200	7,830	3,560	8,310	5,930
21	1,820	3,690	7,020	9,780	32,100	34,700	32,500	9,070	6,490	3,480	8,140	4,900
22	1,780	4,470	7,180	7,870	35,200	33,500	30,200	7,890	5,660	5,090	7,100	5,790
23	1,700	3,930	6,730	6,860	48,000	33,400	25,300	7,150	5,130	8,740	6,380	14,700
24	1,670	3,510	6,560	7,380	54,500	33,700	19,500	6,400	4,360	7,660	5,850	28,300
25	1,620	3,330	7,160	8,040	49,500	32,700	14,000	5,750	4,420	6,400	5,740	32,800
26	1,580	2,970	7,350	7,990	40,800	29,700	10,800	5,090	4,270	6,550	6,470	33,500
27	1,530	2,610	7,130	7,840	33,100	24,500	9,360	4,480	4,320	6,610	7,810	32,300
28	1,490	2,520	6,680	7,720	25,300	19,900	8,590	4,570	4,160	6,070	6,950	31,100
29	1,450	2,100	5,990	7,240	------	16,000	7,870	4,650	4,620	5,320	6,580	31,200
30	1,480	2,430	5,450	6,590	------	14,500	6,960	5,130	5,330	9,420	6,270	31,600
31	1,470	------	5,080	6,100	------	15,900	------	6,840	------	36,100	6,100	------
TOTAL	59,740	68,260	165,470	320,890	504,420	556,050	818,530	274,070	223,620	186,840	730,260	360,350
MEAN	1,927	2,275	5,338	10,350	18,020	17,940	27,280	8,841	7,454	6,027	23,560	12,010
MAX	3,210	4,470	8,530	21,100	54,500	34,800	88,500	16,100	15,100	36,100	73,000	33,500
MIN	1,450	1,360	3,010	3,670	5,300	6,690	6,960	4,480	4,160	3,430	5,740	4,060
CFSM	.50	.60	1.40	2.71	4.72	4.70	7.15	2.32	1.95	1.58	6.17	3.15
IN.	.58	.67	1.61	3.13	4.92	5.42	7.98	2.67	2.18	1.82	7.12	3.51

CAL YR 1974 TOTAL 2,451,270 MEAN 6,716 MAX 43,100 MIN 1,210 CFSM 1.76 IN 23.89
WTR YR 1975 TOTAL 4,268,500 MEAN 11,690 MAX 88,500 MIN 1,360 CFSM 3.06 IN 41.60

PERDIDO RIVER MAIN STEM

02376500 Perdido River at Barrineau Park, Fla.

LOCATION.--Lat 30°41'25", long 87°26'25", in NW¼ sec.23, T.4 S., R.6 E., Baldwin County, Ala., Hydrologic Unit 03140106, on right bank 25 ft (7.6 m) downstream from county highway bridge, 1,000 ft downstream from Alligator Creek, 0.5 mi (0.8 km) southwest of Barrineau Park, and 27 mi (43 km) upstream from mouth.

DRAINAGE AREA.--394 mi^2 (1,020 km^2).

PERIOD OF RECORD.--June 1941 to current year.

GAGE.--Water-stage recorder. Datum of gage is 25.77 ft (7.855 m) above mean sea level. Prior to Aug. 22,1949, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--34 years, 742 ft ^{3}/s (21.01 m^3/s), 25.58 in/yr (650 mm/yr).

EXTREMES.--Current year: Maximum discharge, 18,500 ft ^{3}/s (524 m^3/s) Aug. 1 (gage height, 19.41 ft or 5.916 m); minimum, 330 ft ^{3}/s (9.35 m^3/s) Nov. 4-5 (gage height, 2.10 ft or 0.640 m).

Period of record: Maximum discharge, 39,000 ft ^{3}/s (1,100 m^3/s) Apr. 15, 1955 (gage height, 23.94 ft or 7.297 m), from rating curve extended above 8,500 ft ^{3}/s (based on slope-area study made in 1955), (241 m^3/s); minimum, 188 ft ^{3}/s (5.32 m^3/s) Oct. 12-18, 1973; minimum gage height, 1.24 ft (0.378 m) Oct. 1-6, 15-17, 20-25, 28-31, Nov. 1-3, 1968.

Flood of Mar. 15, 1929, reached a stage of 25.7 ft (7.83 m), present datum, from information by local resident (discharge not determined).

REMARKS.--Records good below 10,000 cfs and poor above.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	475	339	704	421	448	541	758	789	949	465	18,000	769
2	442	337	660	403	432	497	752	912	890	486	16,600	647
3	419	335	572	391	421	463	689	850	738	457	10,200	546
4	405	334	529	441	425	534	621	925	599	647	5,910	508
5	394	335	495	462	582	953	551	894	510	622	4,230	514
6	385	354	443	441	773	970	506	1,370	456	566	3,600	580
7	377	372	482	421	803	909	475	1,280	807	467	3,870	1,020
8	369	361	719	1,240	762	865	478	1,800	938	405	3,000	1,770
9	362	356	632	1,670	619	704	784	2,230	937	382	2,270	2,060
10	356	352	537	1,240	536	574	1,220	1,960	837	377	2,410	2,410
11	351	362	488	1,400	487	519	2,990	1,860	748	371	2,410	1,650
12	349	445	454	1,630	538	492	5,110	1,540	636	365	2,170	1,250
13	346	448	429	1,760	624	494	5,450	1,290	571	364	1,530	1,050
14	343	407	410	1,250	536	1,110	3,160	916	518	349	1,170	885
15	369	390	505	922	496	1,420	3,450	1,020	503	393	969	776
16	730	391	792	720	688	1,280	4,550	1,210	589	455	833	617
17	593	391	753	613	1,020	1,350	4,910	1,190	533	494	762	643
18	452	511	687	547	1,870	1,960	2,700	1,240	481	477	693	797
19	403	520	648	620	2,540	3,090	1,410	982	445	440	633	676
20	377	523	695	959	1,850	3,350	1,040	740	785	461	643	580
21	360	633	869	731	1,120	3,840	906	607	894	481	755	546
22	351	600	687	589	975	2,240	837	539	638	635	790	1,360
23	346	531	573	630	1,010	1,150	747	496	633	532	765	4,610
24	342	509	570	824	1,100	876	689	464	588	533	947	5,420
25	340	476	618	752	974	849	659	439	505	511	940	5,350
26	337	421	605	657	793	769	642	419	452	436	909	3,830
27	335	391	574	596	678	687	604	406	480	396	1,060	1,990
28	334	376	544	552	602	625	572	394	476	375	840	1,140
29	334	367	517	517	------	591	545	433	612	377	731	871
30	340	433	480	487	------	605	548	515	562	2,560	727	762
31	340	------	443	465	------	738	------	653	------	13,500	707	------
TOTAL	12,056	12,600	18,114	24,351	23,702	35,045	48,353	30,363	19,310	29,379	91,074	45,627
MEAN	389	420	584	786	847	1,130	1,612	979	644	948	2,938	1,521
MAX	730	633	869	1,760	2,540	3,840	5,450	2,230	949	13,500	18,000	5,420
MIN	334	334	410	391	421	463	475	394	445	349	633	508
CFSM	.99	1.07	1.48	1.99	2.15	2.87	4.09	2.48	1.63	2.41	7.46	3.86
IN.	1.14	1.19	1.71	2.30	2.24	3.31	4.57	2.87	1.82	2.77	8.60	4.31

CAL YR 1974 TOTAL 298,303 MEAN 817 MAX 16,600 MIN 263 CFSM 2.07 IN 28.16
WTR YR 1975 TOTAL 389,974 MEAN 1,068 MAX 18,000 MIN 334 CFSM 2.71 IN 36.82

MOBILE RIVER MAIN STEM

02397000 Coosa River near Rome, Ga.

LOCATION.--Lat 34°12'01", long 85°15'24", Floyd County, on left bank attached to shoreward side of lock wall of Mayo Bar lock near upstream end, 1.5 mi (2.4 km) upstream from Webb Creek, 6 mi (9.7 km) southwest of Rome, 7.5 mi (12.1 km) downstream from confluence of Oostanaula and Etowah Rivers, and at mile 278.6 (448.3 km).

DRAINAGE AREA.--4,040 mi^2 (10,500 km^2), approximately.

PERIOD OF RECORD.--Drainage: October 1896 to December 1903 (published as "at Rome"), June 1928 to December 1931, March 1937 to December 1958, October 1962 to current year. Monthly discharge only for some periods, published in WSP 1304. Water years 1959-62 (annual maximum only). Gage-height records collected at same site, 1922-49, are contained in reports of National Weather Service.

Chemical analyses: March 1968 to current year.

GAGE.--Water-stage recorder. Datum of gage is 553.05 ft (168.57 m) above mean sea level (levels by Corps of Engineers). Jan. 1, 1897 to Dec. 31, 1903, nonrecording gage at site 7.5 mi (12.1 km) upstream at datum 8.65 ft (2.64 m) higher. June 21, 1928 to Dec. 31, 1931 and Mar. 10, 1937 to Dec. 31, 1958, water-stage recorder at site 200 ft (61 m) downstream at same datum. Water-stage recorder at Fifth Avenue in Rome used as auxiliary gage since 1963.

AVERAGE DISCHARGE.--44 years (1896-1903, 1928-31, 1937-58, 1962-75), 6,630 ft^3/s (188 m^3/s), 22.29 in/yr (566.2 mm/yr).

EXTREMES.--Current year: Maximum discharge, 31,200 ft^3/s (884 m^3/s) Mar. 15, gage height, 25.86 ft (7.882 m); minimum daily, 1,660 ft^3/s (47.0 m^3/s) Aug. 24.

Period of record: Maximum discharge, 65,000 ft^3/s (1,840 m^3/s) Jan. 22, 1947, gage height, 37.0 ft (11.28 m); minimum daily, 870 ft^3/s (24.6 m^3/s) Oct. 18-22, 1931.

Maximum stage known since at least 1834, 40.3 ft (12.28 m) at site and datum at Rome, equivalent to stage of about 43 ft (13.1 m) at present site, from gage-height relation, Apr. 1, 1886, discharge, 100,000 ft^3/s (2,830 m^3/s), from rating curve extended about 63,000 ft^3/s (1,780 m^3/s) on basis of peak flow at Gadsden, Ala.

REMARKS.--Records good. Flow regulated by Allatoona Lake since December 1949 and by Carters Lake since October 1974. Laboratory chemical analyses by the Laboratory Services Section, Environmental Protection Division, Georgia Department of Natural Resources. Field determination of discharge, water temperature, pH, and dissolved oxygen by U.S. Geological Survey.

REVISIONS (WATER YEARS).--WSP 1906; 1959 (M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,200	3,180	4,180	12,800	8,680	11,500	25,800	4,610	4,310	4,570	2,320	2,040
2	2,180	3,640	5,370	9,930	5,970	9,490	24,300	4,190	4,540	3,540	3,420	2,340
3	2,140	2,270	7,310	9,420	5,330	7,430	25,300	5,000	5,970	3,880	2,510	3,390
4	2,260	2,270	5,460	9,210	14,500	9,340	25,800	3,850	5,780	4,250	2,630	4,330
5	2,250	2,380	4,920	6,490	26,700	8,860	24,100	3,910	5,560	3,600	4,090	5,250
6	2,300	2,360	4,580	6,450	28,000	8,560	16,600	5,510	4,960	2,480	4,220	2,360
7	2,280	2,420	4,370	7,020	25,700	6,150	10,000	7,310	5,180	2,400	4,520	2,180
8	2,320	2,180	3,430	6,470	23,300	7,000	10,200	7,620	4,630	3,650	5,590	2,630
9	2,280	2,330	4,070	6,400	19,100	4,120	10,200	7,810	2,940	3,540	5,000	4,140
10	2,300	2,270	4,890	7,010	9,120	4,340	10,700	7,180	3,670	3,730	3,570	4,140
11	2,280	2,330	4,990	9,140	6,050	6,240	10,500	4,050	5,140	4,130	2,920	4,880
12	2,540	2,460	4,590	10,500	7,830	8,190	9,870	3,900	7,120	4,060	4,620	4,980
13	2,210	2,500	4,340	11,600	7,620	12,600	8,630	6,800	7,700	2,480	4,690	3,740
14	2,250	2,440	4,200	12,900	8,330	28,100	5,600	6,920	8,460	2,170	5,700	2,710
15	2,200	2,330	2,950	12,800	9,660	30,700	9,510	6,540	3,690	3,510	4,910	2,290
16	2,380	2,380	3,350	10,400	10,400	27,100	9,590	6,860	3,280	3,220	5,210	2,500
17	2,420	2,120	4,200	9,350	13,900	24,600	9,350	8,310	4,770	3,100	2,560	2,350
18	2,690	2,180	4,240	8,550	21,700	24,400	7,180	8,070	4,540	3,130	3,020	5,340
19	2,540	2,370	4,180	4,010	26,700	23,200	6,570	8,270	4,700	3,270	3,010	6,510
20	2,320	3,150	4,080	3,930	24,600	18,800	4,280	9,520	4,740	1,800	3,140	6,730
21	2,320	3,980	3,710	6,300	23,500	15,700	4,550	8,750	3,470	1,800	3,000	5,100
22	2,350	4,090	2,050	7,270	21,100	13,400	5,720	8,070	2,890	2,930	3,380	3,350
23	2,210	3,380	2,980	4,150	15,700	11,100	6,520	6,610	2,730	3,300	2,830	8,260
24	2,270	2,740	3,880	3,570	19,700	11,300	4,530	5,680	3,340	4,300	1,660	21,600
25	2,220	2,520	6,160	12,200	22,600	19,500	4,940	2,540	3,220	4,920	1,860	21,400
26	2,290	5,550	8,460	23,900	23,100	19,600	4,010	2,410	2,840	4,660	3,250	13,500
27	2,190	5,840	9,570	23,200	20,600	17,400	3,750	3,270	2,310	2,720	3,390	10,500
28	2,260	5,660	9,760	20,000	16,500	14,400	5,540	3,470	3,100	2,520	4,230	9,600
29	2,290	2,580	7,800	17,700	------	12,600	5,600	4,320	2,660	4,150	3,700	5,690
30	2,270	2,310	11,100	13,700	------	24,400	4,670	4,860	3,040	2,240	3,780	4,870
31	2,220	------	15,700	9,950	------	27,100	------	4,720	------	2,250	1,780	------
TOTAL	71,230	88,210	170,870	316,320	465,990	467,220	313,910	180,930	131,280	102,300	110,510	178,700
MEAN	2,298	2,940	5,512	10,200	16,640	15,070	10,460	5,836	4,376	3,300	3,565	5,957
MAX	2,690	5,840	15,700	23,900	28,000	30,700	25,800	9,520	8,460	4,920	5,700	21,600
MIN	2,140	2,120	2,050	3,570	5,330	4,120	3,750	2,410	2,310	1,800	1,660	2,040

CAL YR 1974 TOTAL 2,800,990 MEAN 7,674 MAX 35,000 MIN 1,810 MEAN† 7,665 CFSM† 1.90 IN† 25.79
WTR YR 1975 TOTAL 2,597,470 MEAN 7,116 MAX 30,700 MIN 1,660 MEAN† 7,676 CFSM† 1.90 IN† 25.79

† Adjusted for change in contents in Allatoona and Carters Lakes.

02398000 Chattooga River at Summerville, Ga.

LOCATION.--Lat 34°28'03", long 85°20'19", Chattooga County, on left bank 600 ft (183 m) downstream from bridge on U.S. Highway 27, 1 mi (1.6 km) southeast of Summerville, and 4 mi (6.4 km) upstream from Raccoon Creek.

DRAINAGE AREA.--193 mi^2 (500 km^2).

PERIOD OF RECORD.--Discharge: March 1937 to current year.
Chemical analyses: March 1968 to current year.

GAGE.--Water-stage recorder. Datum of gage is 613.47 ft (186.99 m) above mean sea level (levels by Georgia Department of Transportation). Prior to Nov. 12, 1937, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--38 years, 352 ft^3/s (9.97 m^3/s), 24.77 in/yr (629.2 mm/yr).

EXTREMES.--Current year: Maximum discharge, 6,980 ft^3/s (198 m^3/s) Mar. 14, gage height, 15.54 ft (4.737 m); minimum, 74 ft^3/s (2.10 m^3/s) Sept. 6, gage height, 2.03 ft (.619 m).
Period of record: Maximum discharge, 24,500 ft^3/s (694 m^3/s) Mar. 29, 1951, gage height, 21.0 ft (6.40 m); minimum daily, 38 ft^3/s (1.08 m^3/s) Oct. 17, 1937, Nov. 9, 1939.

REMARKS.--Records good. Laboratory chemical analyses by the Laboratory Services Section, Environmental Protection Division, Georgia Department of Natural Resources. Field determination of discharge, water temperature, pH, and dissolved oxygen by U.S. Geological Survey.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	81	485	1,100	416	521	1,170	183	176	129	97	83
2	76	78	240	900	434	474	902	177	159	125	100	82
3	78	78	165	800	659	413	931	184	145	172	93	78
4	77	80	142	1,000	1,110	378	714	184	141	129	91	77
5	77	91	129	800	2,350	355	599	174	143	120	108	76
6	77	92	120	620	1,490	334	522	167	165	127	118	75
7	79	82	143	500	978	322	464	174	177	150	111	128
8	78	80	391	560	756	323	423	198	166	136	98	204
9	80	76	302	500	636	289	416	262	141	119	124	97
10	82	78	221	700	531	294	442	231	164	115	323	90
11	82	94	186	1,500	469	461	381	193	418	114	540	107
12	83	101	168	1,300	512	654	345	182	593	108	234	93
13	81	89	152	1,000	440	1,380	320	175	302	106	172	87
14	81	85	140	801	387	5,770	324	164	242	105	140	80
15	80	83	142	621	360	2,030	323	174	236	102	131	79
16	96	79	152	508	701	1,190	296	273	250	100	134	78
17	98	82	139	418	1,710	1,020	283	324	205	98	116	88
18	86	83	131	371	1,870	904	271	515	182	96	109	563
19	82	83	128	351	3,690	1,920	268	340	171	95	202	210
20	78	345	125	421	1,350	1,350	267	280	174	99	119	144
21	82	220	119	385	936	950	241	239	162	97	104	134
22	82	130	115	341	750	827	230	214	149	95	99	159
23	82	111	112	315	743	774	224	193	144	92	94	1,150
24	83	102	245	307	1,680	1,170	221	181	140	120	92	4,050
25	82	99	1,030	3,830	1,010	1,150	222	170	134	143	90	889
26	81	95	745	3,440	767	775	218	174	133	107	88	494
27	80	92	488	1,100	669	644	201	173	130	100	87	379
28	83	91	400	808	597	560	194	161	130	102	110	302
29	84	88	1,000	649	------	996	188	171	145	97	94	253
30	81	127	2,000	567	------	4,830	186	176	132	93	86	219
31	80	------	1,400	474	------	2,440	------	164	------	95	85	------
TOTAL	2,529	3,095	11,455	26,987	28,001	35,498	11,786	6,570	5,749	3,486	4,189	10,548
MEAN	81.6	103	370	871	1,000	1,145	393	212	192	112	135	352
MAX	98	345	2,000	3,830	3,690	5,770	1,170	515	593	172	540	4,050
MIN	76	76	112	307	360	289	186	161	130	92	85	75
CFSM	.42	.53	1.92	4.51	5.18	5.93	2.04	1.10	.99	.58	.70	1.82
IN.	.49	.60	2.21	5.20	5.40	6.84	2.27	1.27	1.11	.67	.81	2.03

CAL YR 1974 TOTAL 142,581 MEAN 391 MAX 3,720 MIN 76 CFSM 2.03 IN 27.48
WTR YR 1975 TOTAL 149,893 MEAN 411 MAX 5,770 MIN 75 CFSM 2.13 IN 28.89

PEAK DISCHARGE (BASE, 3,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-26	0100	15.17	6,240	3-30	1700	14.94	5,790
2-19	0700	14.35	4,840	9-24	1400	14.26	4,710
3-14	1400	15.54	6,980				

02399200 Little River near Blue Pond, Ala.

LOCATION.--Lat 34°17'20", long 85°40'50", in N 1/2 sec.3, T.9 S., R.9 E., Cherokee County, on right bank at downstream side of Southern Railroad bridge (formerly Tennessee, Alabama & Georgia Railroad), 1.8 mi (2.9 km) upstream from Wolf Creek, 4.2 mi (6.8 km) northeast of Blue Pond, and at mile 6.8 (10.9 km).

DRAINAGE AREA.--194 mi^2 (502 km^2).

PERIOD OF RECORD.--December 1958 to September 1967. October 1967 to September 1970 (flood hydrograph and low-flow partial-record station). October 1970 to current year.

GAGE.--Water-stage recorder. Datum of gage is 581.38 ft (177.205 m) above mean sea level. Prior to Aug. 1, 1959, nonrecording gage on highway bridge 0.2 mi (0.3 km) downstream at datum 7.49 ft (2.283 m) lower.

AVERAGE DISCHARGE.--13 years (1959-67, 1971-75), 499 ft^3/s (14.13 m^3/s), 34.93 in/yr (887 mm/yr).

EXTREMES.--Current year: Maximum discharge, 12,900 ft^3/s (365 m^3/s) Sept. 23 (gage height, 10.68 ft or 3.255 m); minimum, 3.4 ft^3/s (0.096 m^3/s) Oct. 15.
Period of record: Maximum discharge 32,200 ft^3/s (912 m^3/s) Mar. 4, 1966 (gage height, 14.45 ft or 4.404 m); minimum, 0.2 ft^3/s (0.006 m^3/s) July 20, 21, 22, 1960; minimum gage height, 0.99 ft or 0.302 m July 21, 22, 1960.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.1	3.8	300	1,890	581	596	1,650	80	90	50	216	20
2	6.2	4.2	400	1,320	511	504	1,200	73	75	44	138	19
3	8.6	4.2	339	1,080	909	387	1,070	106	62	101	93	16
4	5.0	5.2	252	1,300	2,030	335	848	157	49	77	91	14
5	4.7	7.0	208	1,160	3,840	301	667	114	42	54	103	12
6	4.4	12	195	946	2,350	261	525	83	50	45	179	11
7	4.3	14	365	737	1,570	249	421	72	78	89	195	14
8	4.2	10	726	643	1,180	286	348	108	88	101	185	33
9	4.1	13	622	712	963	239	332	272	117	79	178	52
10	4.1	11	419	878	795	237	424	389	86	66	1,140	35
11	3.9	9.0	326	3,570	655	715	343	271	779	114	1,690	118
12	3.8	11	278	2,310	694	1,400	302	196	1,490	121	819	72
13	3.8	12	233	2,460	620	3,160	265	166	781	98	456	53
14	3.7	10	199	1,600	526	6,910	287	132	433	78	306	39
15	3.5	9.0	208	1,240	454	2,690	327	123	346	64	225	30
16	5.9	10	248	992	987	1,940	287	626	332	34	167	23
17	5.7	13	232	811	2,610	1,600	259	662	299	29	132	22
18	5.4	13	205	648	4,840	1,480	230	1,160	214	27	117	34
19	5.2	14	191	544	4,300	2,750	215	741	162	25	101	56
20	4.7	200	183	729	2,140	2,080	253	465	141	29	108	52
21	4.6	300	169	600	1,500	1,450	223	333	129	41	76	46
22	4.2	90	153	500	1,130	1,150	200	261	116	28	58	47
23	4.1	70	139	450	1,070	1,010	183	207	88	23	47	3,960
24	4.1	60	686	400	1,930	1,270	170	171	69	22	40	6,500
25	4.6	54	3,180	6,660	1,410	1,450	144	140	57	104	34	2,170
26	4.3	51	2,320	3,300	1,030	1,060	148	121	53	201	29	1,310
27	4.1	50	1,460	1,790	854	836	128	106	67	154	25	919
28	3.9	45	1,300	1,330	731	657	110	74	55	95	24	643
29	3.9	40	2,240	1,050	------	1,230	84	64	40	71	40	429
30	3.9	100	3,790	903	------	5,610	87	70	39	57	36	322
31	3.7	------	3,050	769	------	2,600	------	89	------	80	24	------
TOTAL	143.7	1,245.4	24,616	43,322	42,210	46,443	11,730	7,632	6,427	2,201	7,072	17,071
MEAN	4.64	41.5	794	1,397	1,508	1,498	391	246	214	71.0	228	569
MAX	8.6	300	3,790	6,660	4,840	6,910	1,650	1,160	1,490	201	1,690	6,500
MIN	3.5	3.8	139	400	454	237	84	64	39	22	24	11
CFSM	.02	.21	4.09	7.20	7.77	7.72	2.02	1.27	1.10	.37	1.18	2.93
IN.	.03	.24	4.72	8.31	8.09	8.91	2.25	1.46	1.23	.42	1.36	3.27

CAL YR 1974 TOTAL 174,952.3 MEAN 479 MAX 4,640 MIN 3.5 CFSM 2.47 IN 33.55
WTR YR 1975 TOTAL 210,113.1 MEAN 576 MAX 6,910 MIN 3.5 CFSM 2.97 IN 40.29

PEAK DISCHARGE (BASE, 6,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
1-25	1130	9.75	9,760	3-30	0745	8.84	7,050
2-18	2000	9.37	8,560	9-23	2200	10.68	12,900
3-14	0230	10.04	10,700				

MOBILE RIVER MAIN STEM

02400500 Coosa River at Gadsden, Ala.

LOCATION.--Lat 34°00'37", long 85°59'52", in NE 1/4 sec.10, T.12 S., R.6 E., Etowah County, near midstream in pier of Etowah County Memorial Bridge on Forrest Avenue in Gadsden, 450 ft (137 m) downstream from Louisville & Nashville Railroad bridge, 1.5 mi (2.4 km) upstream from Big Wills Creek, and at mile 174.8 (281.3 km).

DRAINAGE AREA.--5,800 mi^2, approximately (15,000 km^2).

PERIOD OF RECORD.--October 1926 to current year. Gage-height records collected at same site since 1890 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 485.97 ft (148.124 m) above mean sea level. Prior to Oct. 1, 1926, nonrecording gage on Louisville & Nashville Railroad bridge 450 ft (137 km) upstream at datum 1.15 ft (0.351 m) higher. Oct. 1, 1926 to Mar. 31, 1932, water-stage recorder, and Apr. 1, 1932, to May 23, 1935, nonrecording gage, at present site and datum. Since May 4, 1965, auxiliary water-stage recorder 2.2 mi (3.5 km) upstream from base gage at present datum.

AVERAGE DISCHARGE.--49 years, 9,415 ft^3/s (266.6 m^3/s), 22.04 in/yr (560 mm/yr).

EXTREMES.--Current year: Maximum discharge, 43,300 ft^3/s (1,226 m^3/s) Sept. 25; maximum gage height, 23.59 ft or 7.190 m Sept. 26; minimum daily, 200 ft^3/s (5.66 m^3/s), many days during the year.

Period of record: Maximum discharge, 76,900 ft^3/s (2,180 m^3/s) Apr. 11, 1936, gage height, 31.13 ft or 9.488 m; minimum daily, 100 ft^3/s (2.83 m^3/s), many days in water year 1967.

Flood of Apr. 6, 1886, reached a stage of 37.9 ft or 11.55 m, from floodmarks established by Corps of Engineers (discharge, 115,000 ft^3/s (3,260 m^3/s) from rating curve extended above 80,000 ft^3/s (2,270 m^3/s). Flood of July 15, 1916, reached a stage of 32.7 ft or 9.97 m, discharge 85,000 ft^3/s (2,410 m^3/s).

REMARKS.--Records good except for discharges less than 5,000 ft^3/s (142 m^3/s), which are poor. Since December 1949, flow regulated by Allatoona Reservoir 158.8 mi (255.5 km) upstream (see sta 02393500) and since April 1961, by Weiss Reservoir 31.5 mi (50.7 km) upstream (see sta 02399499).

REVISIONS (WATER YEARS).--WSP 682: Drainage area. WSP 1906: 1944, 1947-49, 1951-52, 1954, 1958.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	200	5,800	7,150	26,600	21,000	26,500	32,400	7,120	5,000	6,200	200	200
2	200	1,000	9,450	22,300	11,000	23,400	28,400	4,500	8,000	6,200	2,730	2,000
3	1,600	200	7,640	16,800	12,100	14,100	26,000	200	7,500	6,600	1,230	4,560
4	1,900	4,000	8,150	14,000	18,700	11,500	26,000	2,000	8,000	200	5,000	6,710
5	1,900	5,000	7,700	7,810	28,500	12,200	26,000	8,470	7,000	5,600	6,200	7,610
6	200	4,600	7,980	11,400	29,600	10,200	26,000	7,910	8,000	200	8,000	200
7	2,400	4,000	6,740	10,300	28,000	10,800	25,000	9,540	4,500	9,000	7,000	200
8	2,500	3,600	5,690	10,200	28,300	6,820	25,000	15,000	4,500	4,000	7,500	6,700
9	3,500	1,000	7,060	13,100	26,000	3,230	15,000	10,000	6,000	6,500	8,000	7,550
10	6,230	200	6,110	13,200	23,100	8,150	13,700	8,000	6,000	7,000	12,000	6,530
11	4,500	6,000	7,690	11,200	13,700	7,700	14,500	1,300	6,070	7,000	15,000	9,810
12	200	5,800	7,420	19,700	23,700	8,790	13,400	8,400	8,330	2,700	10,000	10,600
13	200	5,400	8,070	22,300	29,600	13,700	12,300	8,000	10,500	3,400	10,000	5,590
14	4,000	6,000	7,140	20,300	22,700	31,300	11,500	8,000	8,480	1,400	11,700	200
15	5,100	6,000	200	18,500	17,100	32,200	9,710	9,400	8,240	3,000	10,200	6,760
16	4,500	200	7,890	16,900	14,700	39,100	10,800	10,000	6,670	3,300	7,940	6,300
17	4,200	200	8,980	15,400	23,100	37,500	12,000	10,000	9,280	6,200	7,610	7,080
18	3,500	3,000	7,760	10,200	25,000	30,800	11,500	8,500	8,910	3,200	7,240	7,390
19	200	450	8,080	5,800	27,500	33,600	9,460	11,000	2,000	2,200	6,670	8,650
20	200	6,000	7,380	7,680	26,800	33,700	1,000	11,000	1,000	500	7,310	8,530
21	7,700	9,310	500	10,300	26,200	28,700	8,340	12,000	7,530	5,000	6,940	3,360
22	3,500	7,980	900	8,400	26,200	24,300	7,660	11,000	1,000	6,000	6,560	8,080
23	4,600	5,780	5,300	8,670	25,700	25,300	7,210	9,270	200	6,000	200	14,200
24	4,700	200	6,950	9,440	27,000	26,100	8,540	8,620	2,000	7,000	200	32,500
25	4,200	5,000	13,900	21,700	27,000	24,200	7,850	4,760	5,000	6,000	5,980	41,900
26	200	7,500	20,200	28,300	27,700	22,000	1,000	6,900	5,500	7,000	4,350	36,600
27	200	8,000	17,200	27,600	25,400	22,600	6,780	7,960	5,500	1,000	3,460	27,700
28	3,000	200	15,600	26,600	25,100	18,600	8,280	1,000	1,000	6,000	290	19,500
29	4,000	7,400	14,500	25,700	------	19,200	6,880	2,000	200	6,000	1,320	14,100
30	4,500	4,000	25,100	25,200	------	28,300	7,790	8,850	6,000	5,500	200	10,700
31	4,500	------	27,200	25,000	------	28,900	------	10,100	------	5,500	200	------
TOTAL	88,330	123,820	291,630	510,600	660,500	663,490	420,000	240,800	167,910	145,400	181,230	321,810
MEAN	2,849	4,127	9,407	16,470	23,590	21,400	14,000	7,768	5,597	4,690	5,846	10,730
MAX	7,700	9,310	27,200	28,300	29,600	39,100	32,400	15,000	10,500	9,000	15,000	41,900
MIN	200	200	200	5,800	11,000	3,230	1,000	200	200	200	200	200
CFSM	.49	.71	1.62	2.84	4.07	3.69	2.41	1.34	.97	.81	1.01	1.85
IN.	.57	.79	1.87	3.27	4.24	4.26	2.69	1.54	1.08	.93	1.16	2.06

CAL YR 1974	TOTAL	3,791,360	MEAN	10,387	MAX	48,300	MIN	200	CFSM	1.79	IN	24.31
WTR YR 1975	TOTAL	3,815,520	MEAN	10,450	MAX	41,900	MIN	200	CFSM	1.80	IN	24.47

MOBILE RIVER MAIN STEM

02400500 Coosa River at Gadsden, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.83	19.90	18.95	21.58	20.50	21.16	22.68	21.20	22.02	21.98	21.96	21.99
2	20.85	19.88	18.67	20.90	19.15	21.10	22.29	21.49	21.97	21.90	22.00	21.96
3	20.77	20.04	18.76	19.73	19.18	19.90	21.70	21.88	21.85	21.72	21.96	21.82
4	20.79	19.96	18.73	19.62	20.02	19.05	21.52	22.07	21.70	21.74	22.03	21.66
5	20.77	19.57	18.64	19.27	22.03	18.95	21.36	21.81	21.63	21.76	21.88	21.57
6	20.81	18.90	18.69	19.32	22.34	18.89	21.23	21.60	21.59	21.81	21.96	21.69
7	20.79	18.82	18.82	19.15	21.90	18.84	21.16	21.75	21.62	21.81	21.91	21.83
8	20.83	18.71	18.99	19.13	21.64	18.99	20.57	---	21.85	21.75	21.89	21.81
9	20.93	18.81	18.79	19.17	21.44	19.00	19.70	---	22.01	21.82	22.03	21.75
10	20.90	18.93	18.97	19.08	21.28	18.85	19.11	---	21.83	21.92	22.31	21.71
11	20.80	19.05	19.02	19.62	19.68	18.85	19.23	---	21.94	21.89	22.98	21.78
12	20.92	19.05	18.98	20.47	19.99	19.04	19.26	---	21.97	21.78	22.06	21.74
13	20.95	---	18.74	20.89	20.46	19.77	19.20	---	21.97	21.81	21.95	21.83
14	20.93	---	18.60	20.69	20.46	21.68	19.25	---	21.93	21.85	21.98	21.91
15	20.94	---	18.84	20.32	19.64	21.77	19.39	---	21.90	21.90	22.02	21.83
16	21.02	18.67	18.93	19.79	19.40	22.64	19.22	---	21.90	21.95	21.91	21.70
17	21.11	18.74	18.85	19.16	20.50	22.61	19.37	---	21.89	21.88	21.82	21.62
18	21.35	18.74	18.83	18.88	21.32	22.42	19.40	---	21.83	21.88	21.67	21.55
19	21.45	18.88	18.74	18.98	22.22	22.77	19.49	---	21.87	21.94	21.81	21.44
20	21.51	19.03	18.80	18.90	22.14	22.86	19.86	---	21.86	22.07	21.70	21.34
21	21.30	19.09	19.00	18.89	21.79	22.15	19.95	20.28	21.68	21.97	21.71	21.42
22	21.23	18.95	19.02	18.96	21.52	21.28	20.02	21.86	21.80	21.73	21.72	21.36
23	21.11	18.79	19.02	19.00	21.38	20.94	20.15	21.78	21.93	21.71	21.80	21.71
24	20.95	18.91	19.34	18.84	21.70	21.44	20.28	21.70	21.98	21.72	21.89	22.52
25	20.95	18.85	19.92	20.88	21.70	21.45	20.25	21.80	22.36	21.82	21.68	23.03
26	21.04	18.62	20.34	21.92	21.51	20.98	20.40	21.88	21.90	21.90	21.61	23.49
27	21.08	18.45	19.53	22.19	21.37	21.09	20.53	21.90	21.87	21.97	21.65	23.37
28	21.08	18.79	19.36	21.62	21.26	20.43	20.50	22.01	21.91	21.78	21.77	22.86
29	20.93	18.70	19.67	21.38	------	19.99	21.14	22.20	21.95	21.77	21.79	22.34
30	20.60	18.85	21.09	21.27	------	21.89	22.29	22.09	22.38	21.75	21.86	22.01
31	20.18	------	21.67	21.11	------	21.67	------	21.92	------	21.80	21.93	------
MEAN	20.96	---	19.17	20.02	20.98	20.72	20.35	---	21.90	21.84	21.91	21.95
MAX	21.51	---	21.67	22.19	22.34	22.86	22.68	---	22.38	22.07	22.98	23.49
MIN	20.18	---	18.60	18.84	19.15	18.84	19.11	---	21.59	21.71	21.61	21.34

CAL YR 1974 MAX 23.78 MIN 18.36
WTR YR 1975 MAX 23.49 MIN 18.60

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.08	18.57	20.74	21.79	21.36	19.80	19.78	21.05	22.09	22.04	21.43	21.83
2	19.50	18.43	19.99	21.94	20.94	19.01	19.48	21.00	22.29	21.99	21.59	22.03
3	20.05	18.41	19.69	21.64	20.87	18.97	19.87	21.05	21.98	21.96	21.68	22.09
4	20.46	18.57	19.24	21.70	21.26	18.86	21.26	21.33	21.99	22.12	21.81	22.00
5	20.28	18.41	19.04	21.60	21.25	18.72	22.54	21.34	21.93	22.20	21.95	22.10
6	20.43	18.09	18.87	21.52	21.23	18.65	23.78	21.32	21.98	22.24	21.97	22.09
7	20.63	17.84	18.80	21.94	21.67	18.54	23.62	21.42	22.21	22.27	22.18	21.86
8	20.74	17.83	18.55	21.87	21.93	18.53	23.60	21.42	22.22	22.30	22.13	21.57
9	21.09	17.89	18.69	22.11	21.83	18.52	23.16	21.49	22.32	22.29	21.85	21.28
10	21.12	18.01	18.66	23.01	21.65	18.80	22.89	21.39	22.20	22.02	21.77	20.95
11	21.11	17.90	18.29	23.07	21.49	18.68	22.14	21.58	22.15	21.79	21.86	20.73
12	21.16	17.76	18.05	23.18	20.51	18.49	21.79	21.84	22.29	21.75	21.96	20.61
13	21.24	17.87	17.98	22.88	19.80	18.49	22.29	21.77	22.28	21.85	22.13	20.43
14	21.29	17.83	17.81	22.22	19.80	18.48	22.11	21.76	22.25	21.94	22.28	20.28
15	21.21	17.85	18.19	21.61	20.17	18.56	21.67	21.75	22.23	21.91	22.30	20.60
16	21.07	17.88	18.35	21.47	21.33	18.75	21.29	21.63	22.23	21.82	22.05	20.62
17	21.06	17.86	18.08	21.38	22.17	18.93	21.16	21.38	22.15	21.84	21.94	20.46
18	20.88	17.86	18.01	21.24	22.04	18.99	20.81	21.41	22.13	21.79	21.96	20.37
19	20.88	17.71	17.80	21.15	21.87	19.13	20.46	21.50	22.04	21.67	21.91	20.42
20	21.43	17.47	17.80	21.25	21.81	19.04	20.32	21.33	21.92	21.49	21.96	20.37
21	21.55	17.62	17.78	21.21	21.64	18.91	20.33	21.22	21.61	21.46	21.88	20.27
22	21.35	18.07	18.09	21.12	21.96	18.45	20.28	21.31	21.48	21.38	21.81	20.24
23	21.00	18.24	18.37	21.28	22.00	18.36	20.28	21.54	21.64	21.55	21.67	20.34
24	20.63	18.45	18.76	21.46	21.93	18.75	20.35	21.57	21.82	21.51	21.68	20.39
25	20.35	18.53	19.23	21.35	21.58	18.97	20.43	21.62	21.87	21.55	21.64	20.46
26	19.96	18.42	20.21	21.26	21.52	18.80	20.47	22.02	21.92	21.62	21.48	20.51
27	19.95	18.60	21.44	21.01	21.33	18.82	20.84	22.30	21.95	21.76	21.30	20.59
28	20.07	20.03	21.66	21.17	20.68	18.86	21.54	22.29	21.91	21.85	21.24	20.67
29	19.67	20.82	21.26	21.70	------	19.61	21.52	22.27	21.90	21.71	21.25	20.73
30	18.95	21.08	21.12	21.75	------	19.84	21.23	22.30	22.02	21.62	21.40	20.78
31	18.62	------	21.56	21.59	------	19.68	------	22.05	------	21.57	21.67	------
MEAN	20.54	18.33	19.10	21.72	21.34	18.87	21.38	21.59	22.03	21.83	21.80	20.92
MAX	21.55	21.08	21.66	23.18	22.17	19.84	23.78	22.30	22.32	22.30	22.30	22.10
MIN	18.62	17.47	17.78	21.01	19.80	18.36	19.48	21.00	21.48	21.38	21.24	20.24

CAL YR 1973 MAX 24.82 MIN 15.03
WTR YR 1974 MAX 23.78 MIN 17.47

MOBILE RIVER MAIN STEM

02400500 Coosa River at Gadsden, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.73	18.55	18.56	21.07	18.55	18.39	20.96	23.47	23.12	21.92	20.78	19.24
2	17.82	18.33	18.62	21.46	18.57	18.35	21.68	23.34	23.03	21.99	20.77	19.43
3	17.90	18.41	18.71	21.10	18.94	18.53	21.69	22.79	23.08	21.90	20.74	19.52
4	17.91	18.49	18.78	20.60	19.06	18.24	21.54	22.49	23.31	21.81	20.81	19.33
5	17.92	18.60	18.78	20.44	18.99	17.86	20.65	22.24	23.13	21.80	20.88	19.10
6	18.04	18.52	18.94	21.47	18.76	16.95	19.80	22.42	22.23	21.71	20.82	19.03
7	18.22	18.46	18.89	21.58	18.89	15.03	20.07	22.24	22.48	21.80	20.61	18.87
8	18.29	18.59	18.71	21.92	18.96	17.47	21.42	22.03	23.16	21.93	20.41	18.85
9	18.32	18.51	18.52	21.87	19.05	19.00	21.96	22.50	23.34	21.93	20.50	18.95
10	18.36	18.49	18.69	21.86	18.98	19.77	21.77	23.43	23.14	21.87	20.67	18.85
11	18.22	18.12	18.84	21.47	18.82	20.90	21.57	23.51	22.86	21.59	20.78	18.81
12	18.26	18.27	18.90	21.26	19.35	21.75	21.42	23.45	22.69	21.49	20.92	18.78
13	18.27	18.27	18.87	21.10	19.02	21.79	20.74	23.33	22.39	21.56	20.89	18.86
14	18.36	18.47	18.91	20.43	19.18	21.57	19.97	22.22	22.35	21.63	20.74	18.98
15	18.50	18.67	20.37	19.02	19.21	21.51	19.28	21.98	22.43	21.92	20.78	18.97
16	18.39	18.56	21.73	18.50	19.19	21.77	19.24	22.04	22.27	21.84	20.79	19.13
17	18.30	18.39	21.61	18.69	19.00	21.79	19.19	22.08	22.17	21.83	20.84	19.21
18	18.31	18.44	21.31	18.79	18.93	22.17	19.03	21.96	22.10	21.66	20.87	19.29
19	18.43	18.80	21.13	19.07	19.02	22.95	19.03	21.96	22.04	21.51	20.88	19.41
20	18.38	18.82	21.06	19.01	18.86	22.80	19.20	22.50	21.80	21.42	20.41	19.40
21	18.44	18.62	21.43	19.30	18.67	22.46	19.64	22.47	22.12	21.32	19.92	19.30
22	18.51	18.50	21.54	20.26	18.73	22.21	20.20	23.20	22.09	21.28	19.97	19.18
23	18.60	18.19	21.37	20.95	18.72	22.23	20.27	23.03	22.05	21.16	19.96	19.22
24	18.61	18.05	21.20	20.83	18.65	21.87	20.82	22.31	22.19	20.89	19.96	19.22
25	18.67	18.02	20.99	20.36	18.86	21.91	23.66	21.84	22.01	20.61	19.95	19.07
26	18.73	18.41	20.68	19.99	18.84	21.64	24.82	21.90	21.96	20.76	19.99	19.13
27	18.71	18.61	19.99	20.00	18.74	21.33	24.55	22.26	21.92	20.82	19.87	19.20
28	19.03	18.71	19.56	19.72	18.57	20.63	23.45	23.03	21.92	20.89	19.62	19.01
29	19.37	18.56	19.25	19.27	------	19.86	23.36	23.18	21.69	20.97	19.33	19.01
30	19.11	18.55	18.98	19.17	------	19.41	23.34	23.36	21.73	20.90	19.20	19.09
31	18.68	------	19.70	18.75	------	19.86	------	22.94	------	20.82	19.16	------
MEAN	18.40	18.47	19.83	20.30	18.90	20.39	21.14	22.63	22.43	21.47	20.38	19.11
MAX	19.37	18.82	21.73	21.92	19.35	22.95	24.82	23.51	23.34	21.99	20.92	19.52
MIN	17.73	18.02	18.52	18.50	18.55	15.03	19.03	21.84	21.69	20.61	19.16	18.78

CAL YR 1972 MAX 23.64 MIN 17.40
WTR YR 1973 MAX 24.82 MIN 15.03

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.17	20.12	18.71	18.69	19.84	18.80	19.16	21.09	21.87	21.77	21.73	20.62
2	21.17	20.01	18.60	19.27	19.39	19.72	19.30	21.05	21.80	21.84	21.67	20.73
3	21.17	19.66	19.14	19.92	19.52	21.11	19.05	21.50	21.74	21.85	21.64	20.70
4	21.17	19.14	18.90	21.21	19.46	20.63	18.90	21.58	21.80	21.94	21.49	20.68
5	21.17	18.83	19.03	22.12	19.82	20.41	18.73	21.71	21.61	21.93	21.42	20.87
6	21.17	18.87	19.12	22.33	19.99	19.75	18.89	21.75	21.49	21.86	21.42	20.98
7	21.17	18.92	20.50	21.93	19.91	17.83	18.83	21.80	21.33	21.83	21.23	20.81
8	21.17	18.84	20.70	21.60	19.83	19.60	19.04	21.83	21.22	21.81	21.00	20.73
9	21.17	18.61	20.32	21.48	19.71	19.77	19.12	21.73	21.15	21.70	21.87	20.62
10	21.17	18.39	20.01	22.22	19.33	19.70	19.48	21.66	21.17	21.61	21.05	20.64
11	21.17	18.30	19.49	20.67	18.98	19.43	19.27	21.51	21.23	21.54	21.11	20.66
12	21.17	18.38	19.19	23.24	18.96	19.24	18.91	21.38	21.33	21.35	21.18	20.55
13	21.17	18.50	19.10	23.46	19.50	19.41	18.73	21.68	21.38	21.13	21.22	20.38
14	21.17	18.53	19.08	23.26	19.87	19.18	18.66	22.00	21.25	20.99	21.19	20.03
15	21.17	18.33	18.93	22.96	19.75	19.02	18.51	22.62	21.10	20.85	21.26	19.66
16	21.17	18.36	18.99	22.24	19.51	19.06	18.63	23.43	21.16	20.87	21.27	19.48
17	21.17	18.24	19.72	21.91	19.24	19.15	18.68	23.64	21.21	20.75	21.39	19.61
18	21.17	18.30	20.25	21.56	19.60	18.91	18.83	23.24	21.16	20.57	21.40	19.71
19	21.17	18.37	19.77	21.39	19.46	18.96	18.86	22.79	21.24	20.37	21.23	19.59
20	21.17	18.61	19.71	21.34	19.43	18.97	18.78	22.14	21.46	20.45	21.10	19.48
21	21.17	18.66	20.04	21.31	19.41	19.05	18.64	21.80	21.74	20.25	21.09	19.35
22	20.51	18.55	19.76	21.40	18.94	19.33	18.95	21.71	21.85	20.22	21.14	18.96
23	20.62	18.41	19.50	21.38	18.38	19.39	19.45	21.63	21.86	20.33	21.09	18.49
24	20.70	18.32	19.21	21.34	18.83	19.38	19.83	21.78	21.83	20.27	20.88	18.55
25	20.63	18.40	19.11	21.02	18.95	19.55	20.12	21.63	21.92	20.21	20.83	18.43
26	20.70	18.41	19.21	20.16	19.02	19.15	20.38	21.73	21.86	20.15	20.73	18.23
27	20.58	18.55	19.01	19.56	18.97	18.86	20.71	21.68	21.94	20.24	20.78	18.13
28	20.39	18.62	18.88	19.14	18.87	19.08	20.91	21.82	21.61	20.56	20.72	17.74
29	20.42	18.67	18.69	19.08	18.90	18.90	21.03	21.95	21.64	20.82	20.69	17.40
30	20.49	18.67	18.61	19.40	------	19.23	21.17	21.99	21.70	20.91	20.60	17.61
31	20.26	------	18.55	19.73	------	19.21	------	21.90	------	21.26	20.50	------
MEAN	20.96	18.69	19.35	21.17	19.36	19.35	19.32	21.93	21.52	21.04	21.16	19.65
MAX	21.17	20.12	20.70	23.46	19.99	21.11	21.17	23.64	21.94	21.94	21.87	20.98
MIN	20.26	18.24	18.55	18.69	18.38	17.83	18.51	21.05	21.10	20.15	20.50	17.40

CAL YR 1971 MAX 22.80 MIN 18.24
WTR YR 1972 MAX 23.64 MIN 17.40

02401390 Big Canoe Creek at Ashville, Ala.

LOCATION.--Lat 33°50'23", long 86°15'46", in SW 1/4 SE 1/4 sec.6, T.14 S., R.4 E., St. Clair County, on downstream side of bridge on U.S. Highway 231, 0.5 mi (0.8 km) west northwest of Ashville, and 1.7 mi (2.7 km) downstream from Muckleroy Creek.

DRAINAGE AREA.--148 mi^2 (383 km^2).

PERIOD OF RECORD.--October 1965 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 535 ft (163 m) (from topographic map).

AVERAGE DISCHARGE.--10 years, 266 ft^3/s (7.533 m^3/s) 29.27 in/yr (743 mm/yr).

EXTREMES.--Current year: Maximum discharge, 5,980 ft^3/s (169 m^3/s) Jan. 25 (gage height, 16.19 ft or 4.935 m); minimum daily, 21 ft^3/s (0.59 m^3/s) Oct. 11-14.
Period of record: Maximum discharge, 9,560 ft^3/s (271 m^3/s) Mar. 20, 1970 (gage height, 17.34 ft or 5.285 m); minimum, 11 ft^3/s (0.31 m^3) Oct. 26-31, 1965, and Oct. 8, 1966.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	36	131	14	286	260	789	114	68	46	144	32
2	28	27	103	15	283	276	525	103	63	43	187	29
3	25	24	78	401	766	228	535	103	55	47	156	27
4	24	24	66	600	2,310	201	380	121	51	43	128	26
5	24	30	60	400	2,730	188	319	103	48	41	135	25
6	24	41	55	325	1,650	174	280	95	48	38	291	26
7	24	42	59	282	772	174	260	558	47	318	214	55
8	23	32	204	411	509	294	240	513	46	287	151	110
9	22	29	158	617	426	186	225	421	44	143	132	67
10	22	27	112	594	370	192	727	207	64	93	292	45
11	21	43	96	2,310	323	253	353	146	109	102	374	72
12	21	146	89	1,450	634	310	280	120	177	92	167	120
13	21	83	81	1,380	467	715	240	110	116	87	123	57
14	21	54	72	697	365	3,700	400	95	73	63	100	47
15	24	47	84	493	325	2,360	731	310	173	53	92	40
16	48	43	142	394	845	1,170	387	250	155	47	110	35
17	81	42	102	328	1,520	1,030	316	200	90	46	103	34
18	46	43	85	286	1,230	1,020	273	180	69	57	112	40
19	35	44	81	268	1,940	1,850	245	160	59	47	78	38
20	30	135	91	362	959	1,130	222	140	106	73	66	34
21	27	211	86	280	557	614	194	125	128	262	62	37
22	26	107	76	230	437	472	174	110	80	153	53	43
23	26	80	70	208	513	389	160	99	64	94	49	990
24	26	68	692	218	961	841	152	91	54	110	46	3,650
25	26	61	1,500	3,640	466	992	146	84	49	441	42	1,200
26	26	57	1,050	4,620	362	441	156	77	46	137	39	328
27	26	53	471	1,630	314	354	141	77	61	115	37	249
28	25	47	363	649	284	310	127	75	61	87	37	201
29	25	44	765	527	------	547	116	68	49	68	35	169
30	24	52	1,580	428	------	2,770	113	73	45	63	36	145
31	25	------	1,180	345	------	2,240	------	75	------	64	33	------
TOTAL	876	1,772	9,782	24,402	22,604	25,681	9,206	5,003	2,298	3,360	3,624	7,971
MEAN	28.3	59.1	316	787	807	828	307	161	76.6	108	117	266
MAX	81	211	1,580	4,620	2,730	3,700	789	558	177	441	374	3,650
MIN	21	24	55	14	283	174	113	68	44	38	33	25
CFSM	.19	.40	2.14	5.32	5.45	5.59	2.07	1.09	.52	.73	.79	1.80
IN.	.22	.45	2.46	6.13	5.68	6.45	2.31	1.26	.58	.84	.91	2.00

CAL YR 1974 TOTAL 101,563 MEAN 278 MAX 2,450 MIN 21 CFSM 1.88 IN 25.53
WTR YR 1975 TOTAL 116,579 MEAN 319 MAX 4,620 MIN 14 CFSM 2.16 IN 29.30

PEAK DISCHARGE (BASE, 2,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
1-11	1145	13.57	2,540	3-14	1400	14.88	3,970
1-25	2400	16.19	5,980	3-30	1400	14.11	3,120
2-05	0300	13.90	2,890	9-24	0400	14.91	4,000
2-19	0530	12.87	2,100				

02403500 Coldwater Spring near Anniston, Ala.

LOCATION.--Lat 33°36'10", long 85°55'33", in SE 1/4 sec. 29, T.16 S., R.7 E., Calhoun County, in pool of Coldwater Spring, 200 ft (61 m) upstream from Coldwater Creek, 2 mi (3.2 km) upstream from Choccolocco Creek, and 7 mi (11.3 km) southwest of Anniston.

PERIOD OF RECORD.--July 1944 to March 1947, April 1957 to current year.

GAGE.--Water-stage recorder and sharp-crested weir. Altitude of gage is 590 ft (180 m) (from topographic map). Prior to Mar. 31, 1947, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--20 years (1944-46, 1957-75), 48.4 ft^3/s (1.371 m^3/s).

EXTREMES.--Current year: Maximum daily discharge, 62 ft^3/s (1.76 m^3/s) Apr. 18, minimum daily, 39 ft^3/s (1.10 m^3/s) Dec. 22, 23.
Period of record: Maximum discharge for 5-day period, 64 ft^3/s (1.81 m^3/s) Apr. 17-21, 1964; minimum discharge for 5-day period, 36.4 ft^3/s (1.03 m^3/s) Dec. 5-9, 6-10, 1960.

REMARKS.--Records good. Records of discharge include flow over weir and diversion from pool of an average of 23.1 ft^3/s (0.65 m^3/s) for municipal water supply for city of Anniston as determined by Venturi-meter readings.

COOPERATION.--Records furnished by the Water Works and Sewer Board of the City of Anniston.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44	41	40	42	47	53	57	57	53	51	54	55
2	43	42	41	42	47	52	60	57	54	51	54	55
3	44	41	40	45	48	51	57	56	54	52	55	54
4	43	42	40	43	49	53	59	55	54	51	55	56
5	43	42	42	44	52	53	60	56	54	51	55	55
6	44	42	41	43	53	53	59	56	53	51	54	54
7	43	42	41	45	52	53	61	56	54	55	55	54
8	43	41	40	45	51	50	60	56	53	55	54	54
9	43	41	40	45	51	51	61	56	53	56	56	54
10	43	41	41	45	52	52	61	56	53	56	56	54
11	43	40	42	45	53	52	61	55	53	56	59	53
12	43	41	41	46	52	52	61	55	53	56	59	54
13	42	41	41	47	52	52	59	58	53	54	59	53
14	43	40	40	47	51	51	60	58	53	55	59	52
15	43	40	40	47	51	55	59	58	52	55	58	53
16	43	41	40	47	51	54	61	58	53	55	58	53
17	42	41	40	47	52	54	61	58	53	54	57	54
18	43	42	40	46	53	55	62	57	53	55	58	53
19	41	42	40	46	53	55	59	57	53	54	57	53
20	41	42	41	47	53	56	60	57	53	54	57	53
21	42	42	40	48	52	56	60	57	53	54	57	52
22	42	41	39	47	53	57	61	55	52	54	57	54
23	43	40	39	48	53	56	60	55	52	54	57	55
24	43	40	40	47	53	56	60	55	52	54	56	54
25	42	40	41	47	53	56	60	54	53	53	56	54
26	43	41	42	46	52	55	60	55	53	54	56	54
27	42	40	42	49	53	56	59	55	53	54	55	54
28	42	41	43	49	53	57	58	55	52	55	55	54
29	42	42	43	49	------	57	58	54	51	54	56	55
30	42	41	43	49	------	56	59	54	51	54	55	55
31	42	------	42	48	------	56	------	54	------	54	54	------
TOTAL	1,322	1,233	1,265	1,431	1,445	1,675	1,793	1,735	1,586	1,671	1,743	1,617
MEAN	42.6	41.1	40.8	46.2	51.6	54.0	59.8	56.0	52.9	53.9	56.2	53.9
MAX	44	42	43	49	53	57	62	58	54	56	59	56
MIN	41	40	39	42	47	50	57	54	51	51	54	52

CAL YR 1974 TOTAL 17,711 MEAN 48.5 MAX 59 MIN 39
WTR YR 1975 TOTAL 18,516 MEAN 50.7 MAX 62 MIN 39

MOBILE RIVER MAIN STEM

02407000 Coosa River at Childersburg, Ala.

LOCATION.--Lat 33°17'30", long 86°21'50", in NE¼ sec. 18, T. 20 S., R. 3 E., Shelby County, near right bank on downstream side of Central of Georgia Railway bridge, 700 ft (213 m) upstream from bridge on State Highway 38, 0.5 mi (0.8 km) downstream from Tallasseehatchee Creek, 1 mi (1.6 km) northwest of Childersburg, and at mile 86.3 (138.9 km).

DRAINAGE AREA.--8,390 mi^2, approximately (21,730 km^2, approximately).

PERIOD OF RECORD.--October 1913 to current year. Monthly discharge only for periods October 1913 to February 1914, June 1915, July to September, November 1916, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 382.45 ft (116.571 m) above mean sea level (levels by Alabama Power Co.). Prior to Oct. 1, 1915, at datum 0.10 ft (0.030 m) lower. Since Sept. 29, 1967, auxiliary water-stage recorder, 3.5 mi (5.6 km) downstream.

AVERAGE DISCHARGE.--62 years, 13,790 ft^3/s (390.5 m^3/s), 22.32 in/yr (567 mm/yr).

EXTREMES.--Maximum and minimum daily discharges and maximum gage heights for the water years 1971-75 are contained in the following tables:

Water year	Maximum daily discharge Date	(cfs)	(cu m/s)	Maximum gage height Date	(feet)	(metres)	Minimum daily discharge Date	(cfs)	(cu m/s)
1971	Mar. 4, 5, 1971	54,800	1,550	Mar. 3, 1971	19.85	6.05	Oct. 4, 1970	436	12.3
1972	Jan. 13, 1972	55,800	1,580	Jan. 11, 1972	20.99	6.40	Oct. 17, 1971	574	16.3
1973	Apr. 26, May 30, 1973	54,800	1,550	Jan. 8, 1973	19.19	5.85	Oct. 8, 1972	538	15.2
1974	Apr. 5, 1974	55,300	1,570	Jan. 1, 1974	20.13	6.14	Oct. 28, 1973	513	14.5
1975	Jan. 26, Mar. 20, 1975	54,500	1,540	Feb. 5, 1975	19.37	5.90	Apr. 20, 1975	378	10.7

Period of record: Maximum discharge, 146,000 ft^3/s (4,130 m^3/s) Mar. 30, 31, 1951; maximum gage height, 30.41 ft (9.269 m) Feb. 23, 1961; minimum discharge, 440 ft^3/s (12.5 m^3/s) Sept. 11, 1966.

REMARKS.--Records poor. Since December 1949 flow regulated by Allatoona Reservoir on Etowah River, since April 1961 by Weiss Reservoir on Coosa River, since July 1964 by Logan-Martin Reservoir. (See Reservoirs in Mobile River basin.)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	665	8,050	11,100	43,100	34,100	33,600	50,300	5,050	832	9,030	2,470	9,560
2	652	601	12,000	36,400	21,100	34,000	42,200	2,560	10,600	9,950	5,550	5,290
3	2,210	600	10,400	29,500	25,800	24,800	43,400	1,600	11,200	8,960	1,540	10,600
4	2,500	7,570	15,000	25,300	41,900	23,800	36,400	1,610	11,000	967	8,250	9,480
5	1,730	7,230	8,810	9,150	54,300	17,100	33,700	5,570	8,310	866	8,740	7,100
6	632	8,520	13,200	17,600	54,400	15,500	34,100	9,030	11,800	896	12,000	789
7	2,310	5,640	4,470	16,500	54,000	15,100	33,800	18,400	5,380	26,400	9,430	863
8	2,750	4,140	8,290	17,600	43,700	7,600	30,900	20,700	648	13,500	10,700	6,510
9	2,730	1,200	8,790	24,300	40,500	4,090	23,200	12,900	6,960	11,500	12,900	7,730
10	7,030	614	7,990	23,900	17,900	14,400	20,900	10,000	9,760	13,300	20,600	7,880
11	4,980	5,590	9,680	23,400	34,200	9,840	21,300	2,510	9,780	11,900	33,000	15,300
12	601	8,090	9,800	35,900	32,800	16,500	16,300	11,800	10,300	7,030	27,500	12,600
13	601	8,860	11,100	36,800	34,100	25,400	13,900	10,300	14,300	5,270	14,100	4,970
14	3,470	11,800	10,600	34,000	34,300	50,400	18,600	11,000	14,200	2,140	13,300	916
15	6,110	10,300	1,070	32,900	31,700	54,300	17,100	12,100	11,900	3,760	15,700	8,460
16	4,950	701	12,100	30,300	30,500	54,100	21,000	14,100	8,590	4,840	10,100	8,950
17	4,640	678	12,100	22,600	34,000	53,900	17,100	14,700	11,900	8,080	12,000	11,800
18	3,790	6,080	11,500	16,000	36,400	53,600	15,500	11,900	11,200	5,240	9,820	9,370
19	640	4,810	11,700	5,170	45,500	54,200	10,600	15,200	3,290	3,610	10,400	13,500
20	624	3,720	8,590	13,900	44,000	54,500	378	13,500	10,300	1,470	10,900	11,700
21	9,840	8,970	1,080	16,800	38,800	53,700	12,800	16,600	10,000	9,860	10,400	1,190
22	4,470	10,900	1,320	10,800	40,400	44,300	10,200	15,200	922	10,300	9,830	15,100
23	6,300	8,210	5,390	15,100	37,200	35,400	8,450	13,100	855	10,700	967	28,600
24	6,880	721	15,900	13,800	37,700	37,100	12,000	12,700	4,000	9,930	934	54,300
25	9,060	8,470	24,300	40,300	40,000	41,600	10,300	1,090	6,800	10,800	13,500	53,800
26	609	11,400	34,600	54,500	37,800	37,800	2,320	8,950	7,270	9,930	7,130	53,500
27	608	10,900	32,700	54,300	35,500	33,700	6,780	9,920	7,240	10,700	7,870	46,000
28	4,820	670	29,300	47,700	34,000	34,100	12,200	621	2,160	8,950	1,070	34,300
29	6,710	7,780	24,400	37,600	------	34,100	3,230	1,190	942	8,320	3,490	24,600
30	7,940	4,640	36,500	33,300	------	45,300	9,260	12,700	7,970	8,310	1,170	14,000
31	6,490	------	37,600	34,200	------	52,700	------	14,200	------	7,560	861	------
TOTAL	117,342	177,455	441,380	852,720	1,046.6M	1,066.5M	588,218	310,801	230,409	254,069	306,222	488,758
MEAN	3,785	5,915	14,240	27,510	37,380	34,400	19,610	10,030	7,680	8,196	9,878	16,290
MAX	9,840	11,800	37,600	54,500	54,400	54,500	50,300	20,700	14,300	26,400	33,000	54,300
MIN	601	600	1,070	5,170	17,900	4,090	378	621	648	866	861	789

CAL YR 1974 TOTAL 5,433,606 MEAN 14,890 MAX 55,300 MIN 558 CFSM 1.77 IN 24.09
WTR YR 1975 TOTAL 5,880,504 MEAN 16,110 MAX 54,500 MIN 378 CFSM 1.92 IN 26.07

02407000 Coosa River at Childersburg, Ala.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,230	5,130	27,600	54,600	35,200	27,000	22,600	17,200	11,400	4,200	9,560	2,640
2	7,830	11,400	24,800	50,500	33,900	18,500	27,600	12,500	7,530	6,320	1,390	2,130
3	13,900	5,140	26,200	41,000	31,500	5,180	30,300	6,070	11,300	6,940	558	1,900
4	15,300	1,270	20,800	37,300	31,300	17,900	42,000	924	13,100	805	579	8,000
5	11,500	10,000	18,800	39,300	29,800	19,900	55,300	1,130	15,200	3,790	1,010	1,320
6	2,860	15,400	18,000	36,800	29,800	16,000	54,600	2,810	16,200	4,000	1,790	3,110
7	654	10,000	20,000	44,600	37,000	15,100	54,600	1,250	15,800	828	6,320	8,540
8	5,320	3,240	17,100	42,900	44,700	16,300	54,400	3,200	12,900	7,510	12,300	2,340
9	11,500	3,400	1,850	42,600	39,100	13,000	53,500	7,380	2,410	9,370	13,600	18,700
10	8,000	2,880	20,500	48,600	37,000	1,140	53,200	1,680	9,670	16,900	12,300	18,200
11	11,500	5,350	18,400	53,500	35,300	13,100	52,800	815	5,150	13,900	1,720	16,300
12	5,130	6,890	16,000	54,700	32,100	12,500	51,900	2,100	7,080	9,340	11,200	14,400
13	556	4,800	14,100	53,500	27,100	13,300	51,400	14,700	12,800	1,060	11,500	18,000
14	553	6,220	9,670	46,300	23,200	10,600	49,800	5,550	8,400	586	11,000	10,700
15	5,810	10,400	4,920	37,200	36,500	8,530	40,300	12,900	9,490	5,440	13,800	995
16	9,320	7,830	5,570	34,400	36,600	1,090	35,300	15,000	1,240	8,680	14,000	8,520
17	1,940	2,430	14,900	34,400	29,200	1,630	33,800	15,100	7,330	7,800	6,270	10,400
18	11,900	711	11,100	34,300	41,000	7,960	30,900	8,970	4,210	11,700	7,710	2,840
19	5,240	7,140	8,780	34,000	38,200	6,050	24,000	5,520	11,300	7,770	9,230	4,480
20	3,670	9,070	13,600	34,100	37,900	10,600	14,500	17,100	16,200	4,150	6,690	7,150
21	528	9,290	14,000	29,800	36,800	11,700	4,960	7,430	12,700	6,980	5,250	11,100
22	13,800	1,410	2,860	33,800	44,300	11,500	17,100	4,910	8,170	8,180	11,600	736
23	9,480	3,300	2,210	28,000	40,500	8,560	14,600	8,560	1,060	927	8,110	675
24	9,220	1,870	822	35,800	40,900	2,750	11,800	10,900	609	3,900	4,530	655
25	10,500	1,020	2,200	33,400	36,100	12,500	13,900	1,600	2,650	2,270	1,890	2,810
26	12,200	13,000	27,400	35,200	33,900	12,600	14,100	13,300	3,630	1,190	17,100	2,400
27	4,760	13,200	36,500	31,600	33,800	13,800	2,300	23,000	8,040	2,730	12,000	988
28	513	26,800	46,300	35,800	31,700	10,800	1,360	18,400	6,680	1,270	8,530	833
29	18,300	29,500	36,800	35,900	------	17,800	19,100	18,600	5,120	14,800	4,950	767
30	12,700	28,800	34,900	37,200	------	24,400	21,100	20,900	563	3,940	4,540	726
31	14,000	------	44,700	35,000	------	21,500	------	20,600	------	10,200	1,630	------
TOTAL	241,714	256,891	561,382	1,226.1M	984,400	383,290	953,120	300,099	247,932	187,476	232,657	182,355
MEAN	7,797	8,563	18,110	39,550	35,160	12,360	31,770	9,681	8,264	6,048	7,505	6,079
MAX	18,300	29,500	46,300	54,700	44,700	27,000	55,300	23,000	16,200	16,900	17,100	18,700
MIN	513	711	822	28,000	23,200	1,090	1,360	815	563	586	558	655

CAL YR 1973 TOTAL 7,051,542 MEAN 19,320 MAX 54,800 MIN 513 CFSM 2.30 IN 31.26
WTR YR 1974 TOTAL 5,757,416 MEAN 15,770 MAX 55,300 MIN 513 CFSM 1.88 IN 25.53

02407000 Coosa River at Childersburg, Ala.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	812	8,090	8,860	41,900	20,800	11,900	54,500	52,500	38,000	1,430	7,580	645
2	2,100	8,700	6,210	39,100	23,900	11,300	50,200	35,100	34,200	6,170	8,130	655
3	586	1,390	1,460	39,100	27,200	14,800	39,500	31,000	34,200	13,200	3,950	637
4	4,300	2,210	11,200	36,600	17,800	6,030	36,200	27,600	32,100	3,200	794	13,700
5	4,640	599	11,300	33,400	25,700	18,000	33,200	10,500	30,000	11,900	769	10,600
6	3,820	6,240	12,000	49,400	22,500	18,900	30,100	9,730	21,500	11,800	8,260	7,910
7	546	7,020	15,300	54,000	20,400	24,600	38,300	18,700	27,500	5,370	12,000	8,690
8	538	10,700	14,900	54,400	19,200	18,300	44,800	32,700	35,700	1,370	9,540	8,650
9	2,080	9,750	12,700	54,400	24,900	19,100	44,700	47,000	34,500	8,070	6,610	994
10	3,010	12,700	4,640	54,200	24,500	25,600	39,800	47,900	28,000	14,300	2,000	9,180
11	6,260	8,860	17,700	53,900	15,700	31,200	37,700	36,100	24,700	13,900	4,900	3,320
12	5,050	629	17,100	42,700	19,600	45,200	33,700	35,600	27,400	12,000	779	7,380
13	6,020	10,600	15,300	35,300	19,800	39,800	34,800	37,200	30,400	12,000	12,900	593
14	2,030	7,120	20,200	33,400	22,700	38,300	25,000	27,200	23,400	9,810	7,820	3,280
15	782	8,700	37,200	24,700	25,700	36,300	15,800	18,300	24,900	1,840	8,270	7,880
16	8,140	20,200	53,200	16,500	24,800	43,000	17,300	13,300	20,200	9,460	2,740	622
17	6,790	11,300	44,300	13,000	26,600	54,500	18,600	16,900	11,600	18,800	3,280	5,310
18	1,940	7,790	40,300	10,700	9,720	54,400	18,500	16,900	18,700	15,300	4,530	985
19	1,360	690	35,800	25,300	16,600	54,500	18,900	16,400	13,800	15,800	3,570	629
20	4,500	15,900	34,200	22,200	18,000	54,600	14,800	43,700	12,600	11,900	9,240	7,950
21	1,710	12,900	39,700	20,900	15,900	54,100	3,520	53,300	19,500	14,600	1,160	11,900
22	546	19,000	47,600	36,700	16,100	54,100	1,710	35,500	14,900	7,830	4,540	8,580
23	3,030	12,300	40,400	37,600	13,000	41,400	13,800	34,200	13,500	18,600	5,890	1,190
24	3,200	13,800	36,800	36,900	8,530	36,500	24,300	27,500	9,670	16,000	4,960	11,800
25	3,240	10,600	34,100	32,600	1,170	43,600	46,200	26,300	12,700	14,100	8,900	8,430
26	4,080	4,750	33,600	31,000	12,600	44,600	54,800	20,700	14,400	11,500	662	716
27	5,290	10,000	28,200	29,300	10,400	35,700	54,000	21,900	10,100	6,940	14,600	4,140
28	1,410	10,900	22,900	24,700	14,900	33,700	54,400	49,200	11,300	7,230	13,600	6,220
29	815	10,200	21,800	27,200	------	29,100	54,300	54,700	12,700	3,600	15,700	4,740
30	5,390	10,200	17,300	18,300	------	25,900	53,700	54,800	9,640	12,000	9,260	685
31	2,580	------	36,000	20,300	------	49,700	------	54,400	------	8,660	15,100	------
TOTAL	96,595	273,838	772,270	1,049.7M	518,720	1,068.7M	1,007.1M	1,006.8M	651,810	318,680	212,034	158,011
MEAN	3,116	9,128	24,910	33,860	18,530	34,480	33,570	32,480	21,730	10,280	6,840	5,267
MAX	8,140	20,200	53,200	54,400	27,200	54,600	54,800	54,800	38,000	18,800	15,700	13,700
MIN	538	599	1,460	10,700	1,170	6,030	1,710	9,730	9,640	1,370	662	593

CAL YR 1972 TOTAL 5,348,890 MEAN 14,610 MAX 55,800 MIN 538 CFSM 1.74 IN 23.72
WTR YR 1973 TOTAL 7,134,348 MEAN 19,550 MAX 54,800 MIN 538 CFSM 2.33 IN 31.63

02407000 Coosa River at Childersburg, Ala.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11,800	11,400	8,040	886	27,300	17,200	22,200	10,000	10,500	8,200	3,570	4,370
2	3,240	11,000	20,300	16,800	21,600	26,900	7,670	8,890	7,380	853	3,820	1,070
3	640	5,130	9,530	21,700	23,200	43,700	19,000	2,280	9,670	7,400	12,200	6,380
4	13,600	9,230	10,700	43,900	24,700	38,200	18,200	5,510	3,510	764	8,750	5,230
5	13,300	9,620	4,730	55,000	26,200	31,100	15,700	6,430	17,300	9,560	9,500	4,730
6	2,430	619	18,100	54,800	22,400	27,600	15,600	10,600	15,200	7,610	9,190	6,050
7	622	612	35,500	54,400	23,300	22,500	15,100	985	11,700	8,070	14,200	9,870
8	1,000	8,050	32,300	54,100	25,600	24,200	11,800	12,700	9,020	9,770	13,000	7,210
9	599	15,400	32,200	52,900	26,800	28,500	9,750	9,770	11,000	5,670	9,020	9,820
10	594	9,390	26,600	53,500	24,200	26,400	15,000	12,300	3,470	10,100	3,490	1,860
11	2,380	10,000	24,600	55,200	23,700	16,700	17,600	13,900	706	8,370	4,600	4,320
12	2,680	9,600	13,400	54,800	15,700	7,750	16,900	13,300	3,740	12,000	1,780	8,990
13	1,070	594	16,000	55,800	11,100	18,100	16,200	19,100	6,460	8,910	680	10,100
14	7,120	3,200	12,900	55,200	24,000	17,100	17,000	47,200	11,900	11,200	8,350	13,900
15	3,150	9,050	15,800	55,300	26,200	19,700	18,700	44,200	9,050	8,250	7,180	15,000
16	576	4,590	21,600	54,900	21,900	15,100	1,140	36,300	3,880	3,410	5,230	8,800
17	574	9,270	26,000	54,400	22,200	15,900	13,300	34,800	13,000	14,200	4,760	1,000
18	2,530	2,600	25,400	53,900	22,500	12,700	15,600	34,300	655	15,000	9,240	7,510
19	2,520	2,470	22,600	52,900	22,400	6,100	13,100	31,700	795	12,000	11,900	12,000
20	8,700	604	21,300	52,300	11,300	13,000	14,900	26,000	1,570	6,980	3,500	11,300
21	8,210	596	24,900	47,600	18,700	14,300	12,600	9,910	6,030	11,600	6,790	4,540
22	4,760	5,220	27,600	34,800	12,100	17,400	1,090	18,100	5,970	4,260	1,630	5,680
23	747	11,100	23,600	34,700	15,000	24,500	1,060	14,500	9,600	596	2,660	5,190
24	668	14,300	17,500	37,200	13,500	24,000	6,960	15,900	4,980	7,780	2,660	1,770
25	5,340	1,520	9,120	34,700	14,200	22,800	5,680	15,600	5,010	5,240	11,300	10,500
26	4,900	2,790	10,700	28,600	15,200	14,100	3,490	15,200	10,500	5,710	9,570	6,980
27	7,050	2,200	14,100	26,900	3,720	16,800	4,410	11,400	12,000	2,130	2,520	9,890
28	10,400	640	13,800	20,400	15,300	18,400	2,310	833	13,800	2,970	7,840	10,900
29	4,360	3,400	14,400	16,800	16,400	22,900	1,010	4,690	9,610	1,020	5,950	5,280
30	586	6,690	13,300	17,200	------	25,800	1,040	11,000	7,570	1,180	10,200	800
31	6,530	------	13,600	23,200	------	24,500	------	6,320	------	1,330	5,360	------
TOTAL	132,676	180,885	580,220	1,274.8M	570,420	653,950	334,110	503,718	235,576	212,133	210,440	211,040
MEAN	4,280	6,030	18,720	41,120	19,670	21,100	11,140	16,250	7,853	6,843	6,788	7,035
MAX	13,600	15,400	35,500	55,800	27,300	43,700	22,200	47,200	17,300	15,000	14,200	15,000
MIN	574	594	4,730	886	3,720	6,100	1,010	833	655	596	680	800

CAL YR 1971 TOTAL 5,265,359 MEAN 14,430 MAX 54,800 MIN 574 CFSM 1.72 IN 23.34
WTR YR 1972 TOTAL 5,099,954 MEAN 13,930 MAX 55,800 MIN 574 CFSM 1.66 IN 22.61

02407000 Coosa River at Childersburg, Ala.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,890	4,570	6,000	9,410	17,200	40,600	34,600	17,600	7,770	5,460	10,800	11,000
2	3,740	10,100	8,890	12,400	14,300	49,100	36,200	11,100	12,200	3,830	15,700	11,400
3	674	10,300	11,800	5,810	13,300	54,000	36,000	13,000	11,800	1,480	21,500	14,600
4	436	8,830	11,800	13,700	21,900	54,800	34,000	15,000	7,250	1,060	23,200	9,430
5	2,570	8,960	1,580	22,000	43,700	54,800	23,700	12,000	6,200	957	20,300	2,690
6	2,420	4,680	918	24,500	54,000	54,500	22,400	16,900	1,290	1,550	16,200	3,020
7	3,020	1,930	9,980	16,300	43,200	53,900	23,100	19,500	4,080	9,030	14,500	13,100
8	6,690	802	10,200	19,900	40,400	45,500	24,800	4,140	4,060	8,150	2,740	13,500
9	3,890	3,730	5,590	16,000	36,600	34,800	23,200	1,560	6,190	11,100	13,500	9,560
10	8,860	5,180	7,430	8,940	33,000	36,300	18,900	10,100	4,710	8,620	11,400	11,600
11	1,390	7,230	7,810	5,350	33,200	33,900	6,630	11,700	5,840	9,570	8,970	6,060
12	4,330	6,850	1,630	10,900	33,600	34,400	13,400	11,100	11,800	7,450	14,500	1,200
13	6,020	7,000	1,050	12,400	31,400	30,500	13,300	9,470	4,600	10,700	17,200	1,600
14	9,410	3,780	8,490	10,700	14,500	29,500	12,700	20,100	13,600	16,700	12,100	9,910
15	4,860	2,710	13,800	14,600	18,200	17,200	10,900	11,400	13,300	1,980	1,360	9,460
16	759	13,800	8,090	13,400	20,600	21,200	10,200	1,320	6,810	9,750	8,150	9,670
17	1,270	12,000	6,780	5,350	12,800	22,400	1,670	10,600	2,060	13,300	9,510	2,260
18	627	9,750	7,810	14,400	12,400	19,400	1,640	12,300	4,370	8,350	12,600	1,030
19	2,840	5,340	1,050	15,100	14,300	19,700	10,500	13,600	2,700	14,500	13,300	815
20	3,610	9,290	7,080	15,100	20,400	20,400	11,600	6,170	2,410	1,240	13,200	11,000
21	1,920	4,890	12,200	9,210	35,500	15,100	8,850	10,700	7,830	6,690	5,170	6,520
22	1,810	3,090	7,320	6,460	46,600	19,100	9,390	4,140	5,510	5,110	878	4,820
23	4,000	11,900	11,300	14,600	54,200	15,700	22,400	1,280	8,670	2,980	2,950	3,840
24	1,890	12,400	11,400	19,600	54,300	13,400	30,400	4,640	9,940	1,220	10,800	10,800
25	4,460	11,300	7,440	35,300	42,900	19,700	33,700	8,700	12,500	965	8,510	3,820
26	6,110	1,270	13,800	29,700	44,400	36,300	23,900	12,700	11,600	8,470	7,770	2,120
27	5,780	7,860	6,190	32,900	53,300	42,500	19,800	4,230	1,010	11,600	8,350	12,300
28	9,230	850	8,630	33,000	39,300	42,600	16,200	2,380	10,400	13,900	1,130	12,400
29	10,700	833	12,500	33,500	------	40,900	20,600	3,500	6,510	15,300	763	13,000
30	13,300	2,850	13,300	33,000	------	39,800	23,400	1,150	4,820	18,600	6,570	14,800
31	14,700	------	15,600	25,300	------	36,000	------	5,860	------	19,600	7,240	------
TOTAL	145,206	194,075	257,458	538,830	899,500	1,048.0M	578,080	287,940	211,830	249,212	320,861	237,325
MEAN	4,684	6,469	8,305	17,380	32,130	33,810	19,270	9,288	7,061	8,039	10,350	7,911
MAX	14,700	13,800	15,600	35,300	54,300	54,800	36,200	20,100	13,600	19,600	23,200	14,800
MIN	436	802	918	5,350	12,400	13,400	1,640	1,150	1,010	957	763	815

CAL YR 1970 TOTAL 3,812,969 MEAN 10,450 MAX 94,700 MIN 436 CFSM 1.25 IN 16.91
WTR YR 1971 TOTAL 4,968,317 MEAN 13,610 MAX 54,800 MIN 436 CFSM 1.62 IN 22.03

02408500 Hatchet Creek near Rockford, Ala.

LOCATION.--Lat 32°56'42", long 86°13'06", in NW¼ sec. 31, T. 23 N., R. 19 E., Coosa County, near left bank on downstream side of county road bridge, 1 mi (1.6 km) downstream from U.S. Highway 231, 1.5 mi (2.4 km) downstream from Socapatoy Creek, and 4 mi (6.4 km) north of Rockford.

DRAINAGE AREA.--244 mi^2 (632 km^2).

PERIOD OF RECORD.--October 1944 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 449 ft (137 m) from topographic map. Prior to Dec. 9, 1944, nonrecording gage at same site(at datum 1.00 ft (0.3 m) higher October 1944 to September 30, 1964).

AVERAGE DISCHARGE.--31 years, 382 ft^3/s (10.82 m^3/s), 21.26 in/yr (540 mm/yr).

EXTREMES.--Current year: Maximum discharge, 7,020 ft^3/s (199 m^3/s) Apr. 3 (gage height, 16.23 ft or 4.947 m); minimum, 96 ft^3/s (2.72 m^3/s) Oct. 15 (gage height, 1.32 ft or 0.402 m).
Period of record: Maximum discharge, 22,800 ft^3/s (646 m^3/s) Jan. 6, 1946 (gage height, 25.9 ft or 7.89 m); minimum, 7 ft^3/s (0.20 m^3/s) Oct. 5, 1954.

REMARKS.--Records good.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	124	99	591	422	408	597	687	591	446	220	834	193
2	119	99	306	360	412	604	2,840	525	303	241	614	183
3	116	98	225	337	630	525	3,290	492	251	254	469	175
4	114	99	192	473	2,120	498	1,250	498	235	243	403	168
5	113	122	171	402	2,870	482	959	462	228	203	472	166
6	111	126	161	343	1,370	462	825	442	331	215	2,930	173
7	110	113	268	315	904	465	748	541	347	1,740	1,020	202
8	108	107	413	979	716	522	700	607	276	1,850	620	220
9	105	105	257	1,140	646	442	1,020	492	285	764	558	202
10	104	104	211	1,040	588	482	1,370	442	439	674	857	186
11	101	159	192	2,580	545	870	959	406	780	1,300	1,020	194
12	99	254	188	1,360	1,630	844	786	380	857	700	735	191
13	99	161	175	1,170	841	1,700	703	360	449	439	528	299
14	99	136	163	780	659	4,080	3,950	436	315	350	432	223
15	104	152	282	623	577	1,410	2,910	767	282	309	376	179
16	215	138	350	522	1,510	1,560	1,380	931	276	306	340	172
17	159	129	243	459	2,960	1,240	1,050	812	243	312	328	171
18	131	154	208	415	1,590	2,420	891	610	223	294	343	203
19	114	148	294	398	1,490	2,850	796	495	208	318	328	181
20	108	218	389	536	955	1,410	729	419	211	442	315	165
21	105	318	288	432	783	1,050	678	380	225	535	282	154
22	104	194	238	382	694	884	639	353	225	363	265	247
23	102	161	213	379	854	786	614	328	199	748	243	2,970
24	102	146	3,160	462	1,580	1,990	601	306	186	1,030	230	2,780
25	102	139	2,510	2,340	969	1,550	581	291	183	812	215	801
26	102	134	1,250	1,160	770	965	597	282	188	716	228	534
27	101	129	738	748	678	815	655	288	259	710	227	425
28	101	126	574	604	623	735	541	271	246	465	221	357
29	99	121	561	526	------	700	535	265	233	370	208	313
30	101	439	594	473	------	945	636	288	215	376	207	289
31	99	------	492	439	------	793	------	370	------	636	201	------
TOTAL	3,471	4,628	15,897	22,599	30,372	34,676	33,920	14,130	9,144	17,935	16,049	12,716
MEAN	112	154	513	729	1,085	1,119	1,131	456	305	579	518	424
MAX	215	439	3,160	2,580	2,960	4,080	3,950	931	857	1,850	2,930	2,970
MIN	99	98	161	315	408	442	535	265	183	203	201	154
CFSM	.46	.63	2.10	2.99	4.45	4.59	4.64	1.87	1.25	2.37	2.12	1.74
IN.	.53	.71	2.42	3.45	4.63	5.29	5.17	2.15	1.39	2.73	2.45	1.94

CAL YR 1974 TOTAL 131,526 MEAN 360 MAX 3,690 MIN 81 CFSM 1.48 IN 20.05
WTR YR 1975 TOTAL 215,537 MEAN 591 MAX 4,080 MIN 98 CFSM 2.42 IN 32.86

PEAK DISCHARGE (BASE, 3,800 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-24	1100	13.85	5,220	4-03	0100	16.23	7,020
2-17	0500	11.97	4,200	4-14	1900	15.82	6,670
3-14	0400	14.40	5,590	7-08	0100	12.48	4,450
3-18	2000	11.29	3,860	9-23	2000	14.90	5,940

02410000 Paterson Creek near Central, Ala.

LOCATION.--Lat 32°40'54", long 86°07'40", on line between secs. 25 and 36, T. 20 N., R. 19 E., Elmore County, near right bank on upstream side of bridge on county road, 2 mi (3 km) west of Central, and 11 mi (18 km) northeast of Wetumpka.

DRAINAGE AREA.--4.95 mi^2 (12.82 km^2).

PERIOD OF RECORD.--October 1953 to current year. Prior to October 1962, published as Sofkahatchee Creek near Wetumpka.

GAGE.--Water-stage recorder. Concrete control since Oct. 24, 1953. Altitude of gage is 440 ft (134.1 m) by barometer.

AVERAGE DISCHARGE.--22 years, 11.4 ft^3/s (0.323 m^3/s), 19.18 in/yr (487 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,200 ft^3/s (34.0 m^3/s) Apr. 2 (gage height, 8.40 ft or 2.560 m); minimum, 1.4 ft^3/s (0.040 m^3/s) Oct. 9, 10, 11, 12, 13, 14, 15.
Period of record: Maximum discharge, 4,310 ft^3/s (122.0 m^3/s) Aug. 2, 1969 (gage height, 10.10 ft or 3.078 m); minimum daily, 0.02 ft^3/s (0.001 m^3/s) Sept. 25, Oct. 3-5, 1954.

REMARKS.--Records fair.

REVISIONS(WATER YEARS).--WSP 1554: 1947(M). WSP 1906: Drainage area. WSP 2106 1961(M), 1961(P), 1964(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	1.8	5.8	5.4	8.0	9.2	9.7	14	17	5.5	9.8	5.6
2	2.1	1.8	4.3	5.0	10	8.6	152	12	9.5	5.3	8.4	5.4
3	1.9	1.8	3.7	5.5	8.8	8.0	79	12	8.2	5.4	7.0	5.2
4	1.9	1.9	3.4	7.4	13	7.8	35	11	7.7	5.3	6.6	5.4
5	1.8	3.2	3.3	6.1	32	7.6	29	11	7.5	4.9	6.5	5.3
6	1.8	2.1	3.2	5.7	16	7.4	26	10	7.9	5.3	7.2	5.6
7	1.7	2.0	4.9	5.5	12	8.8	24	13	7.5	7.8	6.2	6.3
8	1.7	2.0	4.1	48	10	8.2	22	14	7.0	5.7	5.7	6.1
9	1.6	1.9	3.6	21	9.8	7.4	25	11	6.9	11	5.6	5.7
10	1.5	2.0	3.5	65	8.8	9.8	24	10	7.0	7.3	6.9	5.7
11	1.5	3.7	3.6	35	8.4	10	28	9.3	9.7	6.1	8.3	5.8
12	1.5	3.1	3.8	19	8.0	9.4	23	8.8	7.9	5.6	7.3	6.0
13	1.5	2.4	3.4	14	7.5	34	22	8.5	6.7	5.2	6.6	5.9
14	1.5	2.7	3.5	11	7.2	37	148	8.1	6.4	5.0	6.4	5.5
15	3.0	2.9	7.6	9.7	7.0	16	44	9.7	7.5	4.9	6.6	5.4
16	5.4	2.5	6.1	8.7	61	39	27	36	6.7	5.0	6.2	5.5
17	2.6	2.5	4.8	8.1	75	19	22	35	6.2	4.8	6.1	6.8
18	2.3	3.2	4.0	7.7	46	66	19	17	5.6	4.7	5.9	7.3
19	2.1	2.7	6.8	8.2	40	41	17	13	6.4	4.6	7.4	6.3
20	2.0	6.1	6.9	13	19	20	16	11	32	4.6	6.5	6.0
21	2.1	3.9	5.9	8.8	14	15	15	10	18	5.5	6.3	6.0
22	2.2	3.3	5.2	8.1	12	13	14	9.5	11	5.2	6.0	7.1
23	2.2	3.2	5.2	8.6	15	12	13	9.0	8.3	4.9	5.9	49
24	2.0	3.1	131	13	16	51	13	8.6	7.4	4.7	5.8	12
25	1.9	3.0	19	35	12	21	13	8.0	6.8	5.1	5.7	8.5
26	1.9	2.8	11	17	11	15	12	8.8	6.5	10	6.1	7.6
27	1.8	2.8	8.3	12	9.7	12	12	8.5	6.2	6.7	5.6	6.9
28	1.8	2.7	7.5	10	9.2	11	11	7.8	5.9	5.5	5.8	6.6
29	1.8	2.6	6.8	9.4	------	11	26	8.8	5.8	5.5	5.8	6.3
30	1.8	10	6.2	8.7	------	14	18	8.1	5.6	7.2	5.7	6.4
31	1.8	------	5.7	8.2	------	11	------	14	------	11	5.7	------
TOTAL	63.0	89.7	302.1	447.8	506.4	560.2	938.7	375.5	262.8	185.3	201.6	233.2
MEAN	2.03	2.99	9.75	14.4	18.1	18.1	31.3	12.1	8.76	5.98	6.50	7.77
MAX	5.4	10	131	65	75	66	152	36	32	11	9.8	49
MIN	1.5	1.8	3.2	5.0	7.0	7.4	9.7	7.8	5.6	4.6	5.6	5.2
CFSM	.41	.60	1.97	2.91	3.66	3.66	6.32	2.44	1.77	1.21	1.31	1.57
IN.	.47	.67	2.27	3.37	3.81	4.21	7.05	2.82	1.97	1.39	1.52	1.75

CAL YR 1974 TOTAL 2,124.3 MEAN 5.82 MAX 131 MIN 1.0 CFSM 1.18 IN 15.96
WTR YR 1975 TOTAL 4,166.3 MEAN 11.4 MAX 152 MIN 1.5 CFSM 2.30 IN 31.31

PEAK DISCHARGE (BASE, 400 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-24	0345	4.58	491	4-02	2200	8.40	1,200
1-10	1830	4.22	442				

MOBILE RIVER MAIN STEM

02411000 Coosa River at Jordan Dam, near Wetumpka, Ala.

LOCATION.--Lat 32°36'50", long 86°15'18", in S½ sec. 22, T. 19 N., R. 18 E., Elmore County, on right bank 0.5 mi (0.8 km) downstream from Jordan Dam, 4 mi (6 km) upstream from Corn Creek, 5.5 mi (8.8 km) northwest of Wetumpka, and at mile 18.6 (29.9 km).

DRAINAGE AREA.--10,200 mi^2, approximately (26,400 km^2, approximately).

PERIOD OF RECORD.--July 1912 to September 1914, December 1925 to current year. Prior to October 1936 published as "at Lock 18, near Wetumpka."

GAGE.--Water-stage recorder. Datum of gage is 141.6 ft (43.16 m) above mean sea level (levels by Alabama Power Co.). July 1912 to September 1914, nonrecording gage at site 0.2 mi (0.3 km) upstream at different datum.

AVERAGE DISCHARGE.--51 years (1912-14, 1926-75), 16,280 ft^3/s (461 m^3/s), 21.68 in/yr (551 mm/yr).

EXTREMES.--Current year: Maximum daily discharge, 85,800 ft^3/s (2,430 m^3/s) Sept. 24; minimum daily, 83 ft^3/s (2.35 m^3/s) Aug. 31. Period of record: Maximum discharge, 298,000 ft^3/s (8,440 m^3/s) Apr. 8, 1938 (gage height, 46.4 ft or 14.14 m), computed on basis of powerplant records and flow over spillway; minimum daily, 54 ft^3/s (1.53 m^3/s) Oct. 15, 1938.

REMARKS.--Records good. Prior to June 30, 1967, daily discharge above 100 ft^3/s (2.83 m^3/s) computed on basis of powerplant records and flow over spillway at Jordan Dam; subsequent to that date, on the combined flow through turbines at Jordan and Bouldin Dam (on diversion channel from Jordan Lake about 1 mi (1.6 km) upstream from Jordan Dam)and flow over spillway at Jordan Dam. Flow regulated by several upstream reservoirs and hydroelectric plants. (See p.

COOPERATION.--Records collected by Alabama Power Company, under general supervision of Geological Survey, in connection with a Federal Power Commission project.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBEP 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	488	8,320	12,400	43,500	36,800	37,800	52,400	13,200	8,850	14,700	13,300	4,720
2	4,480	2,180	13,100	38,000	31,400	35,000	70,200	5,710	11,700	12,400	10,500	8,790
3	3,340	458	12,400	36,900	25,800	32,200	82,700	458	14,900	10,400	8,100	12,000
4	3,840	6,320	13,200	36,200	68,900	26,900	44,400	5,210	15,800	1,810	13,100	10,500
5	2,840	8,450	13,400	15,900	85,500	25,200	41,300	9,550	12,400	792	17,200	11,400
6	616	9,090	18,500	16,600	68,000	19,100	38,500	13,500	10,600	3,920	25,100	458
7	3,330	6,630	11,300	18,800	57,300	17,500	34,700	14,000	6,050	36,500	17,100	6,080
8	3,280	5,480	9,770	28,200	49,900	15,500	32,900	26,900	162	31,400	17,900	10,900
9	4,520	1,700	9,960	39,100	44,400	12,700	32,500	17,900	11,800	17,900	16,800	16,700
10	4,020	517	11,200	40,700	59,100	13,400	41,800	17,900	13,200	20,900	20,200	11,000
11	4,040	6,380	11,400	51,100	38,300	17,800	32,000	7,810	13,600	17,900	38,900	12,600
12	1,070	6,860	11,900	49,000	39,500	20,500	18,800	9,950	26,600	17,900	33,600	17,900
13	622	8,750	12,400	47,600	40,100	35,300	17,800	13,500	22,200	7,160	20,900	15,000
14	4,800	10,400	9,360	43,600	27,000	73,400	64,000	13,500	17,900	11,400	17,900	458
15	5,820	7,550	2,220	36,400	31,800	66,900	47,000	17,600	13,300	7,690	17,300	12,200
16	5,090	1,360	11,600	34,700	46,500	69,600	32,500	24,600	13,200	6,530	13,400	9,270
17	3,350	458	13,700	27,700	65,200	63,500	26,400	26,200	13,600	8,710	12,800	11,700
18	3,620	4,700	10,800	18,400	46,500	73,000	24,800	19,800	15,200	8,860	17,900	13,400
19	3,520	3,380	14,000	7,000	55,300	80,100	18,100	18,300	9,880	9,310	15,600	12,600
20	458	8,080	11,100	21,800	50,000	62,600	11,900	19,200	10,100	409	13,700	13,400
21	8,830	7,800	1,100	18,000	45,200	58,400	14,100	19,800	11,600	11,700	12,200	8,270
22	3,340	11,500	2,530	14,800	45,700	51,300	14,000	17,700	2,720	17,400	8,350	11,400
23	5,720	8,200	8,160	16,200	41,300	45,000	17,000	18,000	4,770	15,500	2,530	67,400
24	17,400	2,880	49,300	16,700	53,900	57,600	12,700	17,800	3,760	13,900	1,210	85,800
25	5,890	8,090	47,300	51,800	45,200	55,600	12,400	11,000	8,080	14,500	12,300	67,900
26	458	11,000	50,300	66,900	43,500	45,800	5,860	10,100	8,100	16,100	14,900	57,400
27	488	10,300	82,400	42,300	40,500	42,100	7,010	11,900	8,010	12,600	9,970	47,800
28	5,250	1,150	35,700	52,800	39,500	40,600	14,600	6,900	5,220	13,500	5,570	35,900
29	6,670	8,840	27,800	40,000	------	41,500	15,600	1,810	211	15,000	1,800	30,100
30	8,610	7,530	35,100	40,600	------	49,400	11,600	10,400	11,400	11,700	645	18,000
31	7,330	------	39,800	37,200	------	58,700	------	17,900	------	12,400	83	------
TOTAL	133,130	184,353	613,200	1,048.5M	1,322.1M	1,344.0M	889,570	438,098	324,913	400,891	430,858	641,046
MEAN	4,295	6,145	19,780	33,820	47,220	43,350	29,650	14,130	10,830	12,930	13,900	21,370
MAX	17,400	11,500	82,400	66,900	85,500	80,100	82,700	26,900	26,600	36,500	38,900	85,800
MIN	458	458	1,100	7,000	25,800	12,700	5,860	458	162	409	83	458
CFSM	.42	.60	1.94	3.32	4.63	4.25	2.91	1.39	1.06	1.27	1.36	2.10
IN.	.49	.67	2.24	3.82	4.82	4.90	3.24	1.60	1.18	1.46	1.57	2.34

CAL YR 1974 TOTAL 6,307,000 MEAN 17,280 MAX 82,400 MIN 458 CFSM 1.69 IN 23.00
WTR YR 1975 TOTAL 7,770,659 MEAN 21,290 MAX 85,800 MIN 83 CFSM 2.09 IN 28.34

MOBILE RIVER MAIN STEM

02411600 (NWS 01-8859-5) Coosa River at Wetumpka, Ala.

LOCATION.--Lat 32°32'13", long 86°12'32", in sec. 13, T. 18 N., R. 18 E., Elmore County, on downstream side of bridge on State Highway 14, in Wetumpka, and at mile 11.45 (18.42 km).

DRAINAGE AREA.--10,200 mi^2, approximately (26,400 km^2, approximately).

PERIOD OF RECORD.--1893 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. 1900 to December 1971 in reports of National Weather Service.

GAGE.--Nonrecording gage. Datum of gage is 113.72 ft (34.662 m) above mean sea level.

EXTREMES.--Maximum and minimum gage heights (at 0700) for the water years 1972-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1972	Jan. 11, 1972	44.6	13.59	Oct. 31, Nov. 21, 22, 1971	3.1	0.94
1973	Apr. 3, 1973	37.9	11.55	Aug. 6, 23, Sept.2, 1973	11.0	3.35
1974	Jan. 1, 1974	33.8	10.30	Sept.26, 1974	10.2	3.11
1975	Mar. 20, 1975	37.7	11.49	Oct. 3, 14, 1974	10.6	3.23

Period of record: Maximum, 57.9 ft (17.65 m) Apr. 8, 1938; minimum, 2.5 ft (0.76 m) Aug. 4, 1925.
Flood of Apr. 1, 1886, reached a stage of 61.7 ft (18.81 m), from floodmarks.

COOPERATION.--Records furnished by National Weather Service.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.90	11.60	12.90	21.40	20.60	22.40	25.90	16.70	14.20	11.30	16.40	12.10
2	11.00	11.60	13.50	21.90	18.60	21.10	25.80	13.30	12.80	11.10	14.10	11.90
3	10.60	11.50	13.30	19.80	17.00	20.70	36.20	12.90	15.90	11.30	13.20	11.90
4	11.10	11.40	12.40	20.40	23.50	18.80	31.50	12.70	13.80	11.20	14.20	12.60
5	11.60	11.50	13.60	18.40	31.50	17.70	33.00	12.00	12.90	11.90	15.10	12.20
6	11.90	11.70	12.90	14.60	31.10	16.90	29.70	13.10	13.20	11.50	11.90	11.90
7	11.60	11.80	13.10	14.80	30.50	16.40	25.40	13.70	12.80	11.30	11.10	12.10
8	12.20	11.70	12.60	15.90	29.50	15.90	23.80	16.10	12.60	24.90	16.90	13.00
9	11.80	12.10	12.40	24.40	25.80	14.90	21.10	17.60	11.70	19.10	16.90	11.80
10	12.00	11.70	12.70	23.40	26.70	13.40	22.80	16.20	13.10	15.30	17.20	11.70
11	11.70	11.30	11.90	26.50	25.70	14.10	21.90	16.00	13.50	17.70	19.20	13.40
12	11.70	11.60	12.80	26.90	25.20	14.60	19.10	12.00	16.70	16.90	22.60	14.70
13	11.30	11.80	13.10	27.30	23.40	16.90	17.80	14.60	17.90	16.80	22.50	14.10
14	10.60	12.20	13.10	25.50	22.50	28.60	21.40	14.90	18.30	14.80	18.50	12.50
15	11.30	12.10	13.00	24.90	17.50	31.50	32.10	14.10	15.30	12.30	16.60	12.30
16	12.00	12.10	13.20	20.80	21.40	32.40	30.40	16.10	13.20	12.20	16.00	11.70
17	11.90	11.70	12.40	17.30	30.60	32.40	29.10	17.60	12.90	12.10	12.80	11.60
18	11.90	11.90	13.20	16.90	31.20	33.00	26.40	17.90	15.10	12.10	16.10	13.50
19	11.60	11.80	12.90	14.00	33.70	37.60	22.70	17.30	19.20	12.60	14.60	13.60
20	11.40	12.00	12.20	14.70	34.60	37.70	15.60	17.30	12.30	11.50	13.70	13.20
21	11.90	12.80	12.90	14.50	31.00	36.20	13.90	16.10	12.20	11.70	12.70	12.40
22	11.60	11.90	12.00	13.90	27.40	34.50	13.60	16.40	12.30	14.40	11.90	12.20
23	11.80	12.20	12.20	13.50	26.00	30.40	16.00	16.10	12.20	15.40	12.80	15.90
24	11.90	11.90	11.80	15.40	26.40	26.80	14.10	15.90	12.60	14.90	11.50	34.90
25	11.50	11.60	15.70	19.50	27.00	29.70	14.10	14.30	12.30	13.90	11.30	32.50
26	11.80	11.80	26.10	28.30	25.80	29.60	12.50	11.70	12.30	16.40	12.70	31.80
27	11.70	12.60	25.90	29.00	24.50	25.70	13.40	12.90	12.60	13.30	12.40	30.80
28	11.40	12.00	24.90	27.60	23.80	25.70	13.90	13.70	12.40	12.70	13.00	24.70
29	11.70	11.90	21.80	25.60	------	25.10	15.90	11.80	12.30	13.20	11.90	19.60
30	11.20	12.20	18.10	22.30	------	24.90	13.80	12.30	12.50	17.60	11.90	17.60
31	11.70	------	20.20	21.20	------	29.30	------	12.60	------	12.50	12.10	------
MAX	12.2	12.8	26.1	29.0	34.6	37.7	36.2	17.9	19.2	24.9	22.6	34.9
MIN	10.6	11.3	11.8	13.5	17.0	13.4	12.5	11.7	11.7	11.1	11.1	11.6

CAL YR 1974 MAX 33.8 MIN 10.2
WTR YR 1975 MAX 37.7 MIN 10.6

02411600 (NWS 01-8859-5) Coosa River at Wetumpka, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.80	11.70	16.60	33.80	24.00	18.40	12.20	13.40	12.60	11.30	11.80	14.00
2	11.50	11.80	15.10	31.40	23.20	17.60	18.00	12.10	11.40	11.10	11.70	11.50
3	11.70	11.90	13.90	28.60	20.20	15.30	20.50	13.00	14.00	11.10	11.40	13.70
4	11.90	11.60	13.20	27.60	20.10	13.00	26.20	11.90	12.10	11.70	11.60	12.00
5	12.10	11.80	14.80	25.40	19.00	12.40	30.20	11.30	12.00	11.30	11.20	12.20
6	12.20	11.90	16.00	23.50	17.40	12.70	29.80	11.50	12.20	11.40	11.40	11.20
7	11.70	11.80	16.00	22.70	21.90	13.80	32.00	11.30	12.10	11.80	11.80	11.70
8	11.50	11.50	13.30	22.80	23.40	13.20	28.40	11.20	12.40	11.70	11.40	12.60
9	11.70	11.30	12.90	24.50	24.30	12.90	26.30	11.30	11.90	11.00	12.10	11.90
10	11.80	11.70	13.10	24.80	24.00	12.80	23.90	11.50	11.80	10.90	12.20	13.00
11	11.70	11.80	12.50	24.40	22.10	13.40	24.10	11.60	12.70	11.40	11.80	14.10
12	11.90	13.20	12.70	25.80	20.00	13.10	23.90	11.90	12.00	11.70	11.50	14.00
13	11.60	12.00	13.40	26.00	13.50	13.00	25.80	11.90	12.20	11.60	11.70	14.20
14	11.70	11.60	12.50	25.50	17.30	12.80	27.00	11.80	12.00	11.40	11.90	13.90
15	11.40	12.30	13.00	22.70	17.00	12.20	25.50	11.60	11.60	11.60	13.10	13.90
16	11.50	12.70	13.20	21.70	24.90	11.20	23.40	11.30	11.40	11.70	13.80	11.70
17	11.00	12.80	13.40	18.90	25.20	11.40	20.20	11.40	12.00	11.20	13.30	11.90
18	11.60	12.20	13.20	18.00	23.80	11.50	19.00	11.80	11.90	11.80	12.30	11.80
19	11.70	11.70	13.60	18.80	23.70	11.70	16.80	11.90	11.70	11.70	12.40	12.10
20	11.60	11.70	12.90	18.00	22.40	11.10	14.90	11.60	11.70	11.50	11.70	11.80
21	11.70	12.40	13.00	20.40	23.20	12.40	11.80	12.50	12.10	11.90	11.70	11.70
22	11.50	11.90	13.10	20.80	23.80	13.50	11.70	12.10	11.70	12.10	11.80	12.30
23	11.80	11.30	11.90	19.80	26.80	12.20	11.80	12.30	11.60	11.90	12.40	11.00
24	11.60	11.40	11.10	19.60	24.30	10.70	12.70	12.20	12.20	10.60	11.70	11.10
25	11.40	11.60	11.40	19.70	24.20	11.60	12.10	11.60	11.00	11.50	11.80	10.50
26	11.50	12.20	11.80	20.10	22.40	12.00	12.00	11.50	10.80	11.70	11.90	10.20
27	11.30	12.10	19.00	22.10	20.80	11.70	11.60	11.70	11.20	11.60	12.30	13.00
28	11.60	14.10	22.90	22.30	20.00	11.40	11.40	13.20	11.30	11.50	12.10	12.40
29	11.70	17.10	22.40	23.40	------	11.70	11.60	11.90	11.80	11.50	11.50	12.50
30	11.80	15.80	21.50	25.00	------	13.70	12.10	11.60	10.90	11.70	11.90	11.90
31	12.10	------	19.10	24.20	------	11.30	------	12.40	------	11.40	11.40	------
MAX	12.2	17.1	22.9	33.8	26.8	18.4	32.0	13.4	14.0	12.1	13.8	14.2
MIN	11.0	11.3	11.1	18.0	13.5	10.7	11.4	11.2	10.8	10.6	11.2	10.2

CAL YR 1973 MAX 37.9 MIN 11.0
WTR YR 1974 MAX 33.8 MIN 10.2

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.50	11.60	12.00	26.00	14.80	15.40	35.60	29.30	28.60	11.60	11.90	11.50
2	11.40	12.10	12.00	26.00	21.70	14.10	37.50	26.70	25.00	11.40	11.50	11.00
3	11.70	12.00	11.80	24.40	22.30	14.20	37.90	21.10	22.80	11.60	11.30	11.00
4	12.00	11.80	11.80	24.20	21.80	13.00	33.50	17.90	19.40	11.90	11.20	11.30
5	11.80	11.50	12.20	23.10	20.10	12.20	28.60	15.40	16.70	11.20	11.20	11.70
6	11.90	12.20	12.50	23.00	18.70	12.90	23.60	13.20	16.60	12.10	11.00	11.80
7	12.00	11.80	12.90	25.80	17.30	12.50	22.30	13.50	17.40	12.50	11.20	12.10
8	11.70	11.90	14.20	32.70	15.00	12.80	32.70	14.20	21.30	12.60	11.40	11.80
9	11.90	11.40	14.00	32.70	15.10	16.70	31.70	27.10	21.10	11.90	11.20	11.60
10	11.80	11.90	13.00	31.10	19.10	12.20	32.10	29.30	21.20	11.70	11.20	11.90
11	11.70	12.00	12.90	28.30	20.30	15.80	29.50	29.00	19.20	12.40	11.40	12.00
12	11.80	11.70	11.90	27.10	18.10	22.80	26.10	25.40	15.50	13.10	11.70	12.20
13	11.80	12.40	14.50	24.60	17.20	24.40	23.30	22.10	20.50	13.00	11.50	12.10
14	12.10	13.00	13.70	21.60	16.40	25.20	20.70	29.70	17.40	13.30	11.90	11.90
15	12.20	11.80	17.10	17.40	19.10	24.30	17.30	16.30	18.50	12.10	12.00	12.00
16	11.90	12.00	27.10	17.20	18.30	23.00	15.30	14.30	15.60	12.10	11.80	11.80
17	12.10	11.70	27.20	16.10	19.50	33.50	15.90	13.70	14.30	11.90	11.30	11.40
18	12.10	11.80	24.20	16.50	17.20	31.50	14.30	14.00	12.70	13.30	11.90	12.00
19	11.90	11.50	20.70	14.80	16.10	30.10	15.80	12.10	11.60	12.90	11.80	11.60
20	12.00	11.80	19.20	14.20	15.90	28.30	14.20	17.30	11.40	12.90	11.10	11.30
21	11.90	12.20	20.50	16.10	14.90	27.70	13.50	23.40	11.10	12.20	11.60	11.90
22	11.70	13.90	27.60	26.10	14.10	27.80	12.00	24.20	13.20	12.30	12.20	12.00
23	11.60	12.70	27.90	26.30	14.20	26.60	12.10	22.30	13.60	12.00	11.00	11.60
24	11.80	12.70	27.40	25.40	13.20	25.10	12.80	20.40	12.00	12.20	11.20	11.90
25	11.60	11.80	24.70	22.90	11.90	25.40	14.90	18.00	12.70	12.30	11.60	11.70
26	11.90	12.40	22.20	21.40	13.80	26.80	27.90	17.80	12.30	12.90	12.00	11.90
27	11.90	13.90	21.40	22.20	13.60	25.90	32.30	17.50	12.50	13.10	12.10	12.10
28	11.80	13.70	17.90	21.70	15.60	25.10	34.00	23.70	11.80	11.70	11.80	11.80
29	11.70	12.80	17.20	19.80	------	20.70	33.90	28.50	12.10	11.40	12.20	11.70
30	11.90	12.80	16.40	17.30	------	19.00	31.90	30.50	12.40	11.40	12.40	11.60
31	11.60	------	19.20	15.40	------	26.20	------	30.40	------	12.00	11.90	------
MAX	12.2	13.9	27.9	32.7	22.3	33.5	37.9	30.5	28.6	13.3	12.4	12.2
MIN	11.4	11.4	11.8	14.2	11.9	12.2	12.0	12.1	11.1	11.2	11.0	11.0

CAL YR 1972 MAX 44.6 MIN 4.5
WTR YR 1973 MAX 37.9 MIN 11.0

02411600 (NWS 01-8859-5) Coosa River at Wetumpka, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.40	3.20	6.60	6.00	20.40	14.80	14.10	11.30	11.30	12.50	12.10	11.50
2	5.00	4.60	7.10	4.50	19.30	22.70	12.00	12.00	11.60	11.90	11.80	11.40
3	5.20	5.90	7.90	9.80	19.30	32.60	11.30	12.20	12.90	11.60	12.20	11.20
4	4.80	5.80	12.40	14.50	20.10	31.20	12.50	11.30	12.40	11.80	12.10	11.70
5	4.40	6.00	9.50	33.80	20.40	27.90	12.40	11.50	12.20	11.80	11.90	11.40
6	6.60	4.90	8.20	32.10	20.10	24.30	12.20	11.00	12.90	11.50	12.00	12.10
7	4.90	4.30	27.30	29.00	20.70	22.90	11.90	11.60	12.80	11.50	12.10	11.70
8	4.60	3.40	24.00	25.40	22.90	18.90	12.10	11.80	12.50	11.20	11.90	12.00
9	3.50	4.30	20.00	25.30	21.20	21.30	13.90	12.30	12.40	11.40	11.90	11.90
10	4.50	6.20	15.30	34.40	20.80	20.70	13.60	12.10	12.90	11.80	12.10	11.90
11	4.30	6.90	13.50	44.60	21.10	18.60	12.40	12.10	12.00	11.70	12.00	11.60
12	3.60	7.20	9.70	44.00	19.30	14.50	12.00	12.20	12.40	11.40	11.60	11.90
13	4.10	4.30	5.20	35.40	15.40	13.00	12.20	12.40	12.20	11.80	12.10	11.60
14	4.80	4.00	7.30	34.30	17.20	12.70	11.70	20.00	12.10	11.70	11.80	11.90
15	5.10	4.80	7.90	32.50	19.10	17.60	11.80	23.40	12.70	11.50	11.70	12.10
16	4.80	6.30	9.30	30.40	20.60	12.70	12.60	22.50	11.70	11.80	12.00	12.10
17	3.90	3.80	9.10	29.60	20.80	14.60	10.40	20.60	11.90	11.70	11.50	11.90
18	5.40	5.70	11.00	28.40	18.30	15.50	12.50	20.90	11.50	12.00	11.70	11.80
19	5.10	6.30	12.10	26.90	17.80	12.80	11.80	20.10	11.20	12.10	11.80	12.10
20	3.40	3.90	10.90	25.90	16.30	11.80	11.90	18.00	11.80	11.90	11.60	12.30
21	3.50	3.10	13.40	26.00	16.50	12.40	12.10	13.20	11.60	12.00	10.70	12.20
22	4.20	3.10	13.50	23.80	15.30	12.50	12.40	12.80	11.80	12.10	11.60	12.30
23	5.00	5.00	14.10	23.40	17.00	15.90	11.90	11.90	11.50	11.70	11.50	12.20
24	4.60	5.80	13.20	22.40	16.50	16.30	10.70	11.40	11.20	11.90	11.60	11.90
25	3.20	7.30	11.50	21.30	15.70	14.70	11.10	11.10	11.70	12.00	12.00	11.60
26	3.70	6.30	6.50	20.70	14.20	16.10	10.60	11.70	11.60	11.90	11.70	12.10
27	4.10	5.20	7.20	19.60	13.80	11.80	10.50	11.90	12.30	11.70	12.00	11.90
28	4.40	4.90	9.70	18.60	14.80	12.30	10.70	10.40	12.60	11.80	11.60	12.00
29	4.80	5.60	8.30	16.90	13.00	13.40	10.40	11.30	13.20	11.90	11.80	11.90
30	4.00	5.50	7.60	15.50	------	14.20	10.60	11.50	12.80	12.10	11.30	12.10
31	3.10	------	8.40	17.90	------	15.20	------	10.90	------	11.60	11.20	------
MAX	6.6	7.3	27.3	44.6	22.9	32.6	14.1	23.4	13.2	12.5	12.2	12.3
MIN	3.1	3.1	5.2	4.5	13.0	11.8	10.4	10.4	11.2	11.2	10.7	11.2

CAL YR 1971 MAX 43.5 MIN 2.4
WTR YR 1972 MAX 44.6 MIN 3.1

02412000 Tallapoosa River near Heflin, Ala.

LOCATION.--Lat 33°37'22", long 85°31'20", in NW¼ sec. 20, T. 16 S., R. 11 E., Cleburne County, on right bank 5 ft (1.5 m) downstream from county road bridge, 2.2 mi (3.5 km) upstream from Cane Creek, 4 mi (6.4 km) southeast of Heflin, and at mile 186.8 (300.2 km).

DRAINAGE AREA.--444 mi^2 (1,150 km^2).

PERIOD OF RECORD.--July 1952 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 830 ft (253 m) (by barometer).

AVERAGE DISCHARGE.--23 years, 676 ft^3/s (19.14 m^3/s), 20.69 in/yr (526 mm/yr).

EXTREMES.--Current year: Maximum discharge, 7,780 ft^3/s (220 m^3/s) Sept. 25 (gage height, 19.12 ft or 5.828 m); minimum, 179 ft^3/s (5.07 m^3/s) Oct. 15 (gage height, 3.06 ft or 0.933 m).
Period of record: Maximum discharge, 19,300 ft^3/s (547 m^3/s) Feb. 22, 1961 (gage height, 26.39 ft or 8.044 m), from rating table extended above 15,000 ft^3/s (425 m^3/s) on basis of contracted-opening measurement of peak flow; minimum daily, 13 ft^3/s (0.37 m^3/s) Oct. 9, 10, 13, 14, 20-22, 1954.

REMARKS.--Records fair. Slight diurnal fluctuation caused by small mills above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	228	200	1,470	1,110	674	1,010	1,170	674	638	464	695	251
2	215	200	1,010	860	665	996	1,190	698	575	467	485	247
3	197	206	605	740	731	935	1,400	827	482	557	372	230
4	199	200	447	884	2,280	881	1,140	1,040	428	444	324	217
5	199	218	376	776	4,870	854	1,020	941	400	355	334	211
6	197	266	336	690	5,770	830	962	722	416	355	575	224
7	197	260	344	674	4,380	833	926	794	422	1,170	779	300
8	193	252	659	794	1,760	908	899	2,110	408	881	521	328
9	190	241	737	1,130	1,300	815	1,050	1,390	394	542	1,440	285
10	190	232	608	1,210	1,100	800	1,700	1,010	411	436	3,370	263
11	186	247	500	2,740	1,000	902	1,310	815	610	450	4,390	1,040
12	184	419	450	2,020	1,200	1,430	1,060	710	1,900	383	1,600	1,100
13	184	388	370	1,720	1,100	3,540	950	650	1,150	334	887	524
14	183	314	350	1,360	1,000	5,870	1,220	608	695	304	710	357
15	183	307	400	950	900	6,520	1,790	626	653	287	539	287
16	291	302	600	824	1,500	4,190	1,370	776	641	302	459	253
17	397	280	500	746	3,000	1,930	1,100	869	500	321	413	273
18	272	295	447	698	2,300	2,210	1,000	1,360	436	369	377	1,980
19	243	347	428	665	2,000	3,060	932	950	554	300	361	1,060
20	220	433	464	860	1,700	2,350	890	749	557	302	512	518
21	211	623	444	935	1,500	1,620	848	644	503	785	386	377
22	206	497	397	764	1,200	1,350	809	587	416	509	335	341
23	204	363	358	692	1,100	1,280	785	548	369	617	323	2,610
24	202	309	980	713	2,500	2,240	773	515	342	467	327	6,760
25	204	293	2,050	1,830	2,300	2,750	764	488	329	1,050	301	7,410
26	206	284	1,940	2,800	1,800	1,630	737	701	321	971	276	2,310
27	206	272	1,040	1,690	1,300	1,240	707	551	326	608	306	884
28	204	264	779	1,100	1,070	1,120	677	497	416	425	282	701
29	202	258	1,450	911	------	1,070	653	530	358	363	261	587
30	200	509	3,430	851	------	1,480	668	545	352	344	267	512
31	200	------	2,090	731	------	1,520	------	560	------	419	257	------
TOTAL	6,593	9,279	26,059	34,468	52,000	58,164	30,500	24,485	16,002	15,581	22,464	32,440
MEAN	213	309	841	1,112	1,857	1,876	1,017	790	533	503	725	1,081
MAX	397	623	3,430	2,800	5,770	6,520	1,790	2,110	1,900	1,170	4,390	7,410
MIN	183	200	336	665	665	800	653	488	321	287	257	211
CFSM	.48	.70	1.89	2.50	4.18	4.23	2.29	1.78	1.20	1.13	1.63	2.43
IN.	.55	.78	2.18	2.89	4.36	4.87	2.56	2.05	1.34	1.31	1.88	2.72

CAL YR 1974 TOTAL 284,924 MEAN 781 MAX 9,290 MIN 183 CFSM 1.76 IN 23.87
WTR YR 1975 TOTAL 328,035 MEAN 899 MAX 7,410 MIN 183 CFSM 2.02 IN 27.48

PEAK DISCHARGE (BASE, 4,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-04	0400	16.21	5,830	8-10	2400	14.45	4,770
3-15	1200	17.47	6,630	9-25	1300	19.12	7,780

02414500 Tallapoosa River at Wadley, Ala.

LOCATION.--Lat 33°07'00", long 85°33'39", in SW¼ sec. 12, T. 22 S., R. 10 E., Randolph County, on left bank 50 ft (15 m) upstream from bridge on State Highway 22, 1 mi (1.6 km) downstream from Beaver Dam Creek, and at mile 125.3 (201.6 km).

DRAINAGE AREA.--1,660 mi^2, approximately (4,300 km^2, approximately).

PERIOD OF RECORD.--September 1923 to current year.

GAGE.--Water-stage recorder. Datum of gage is 599.87 ft (182.840 m) above mean sea level. June 17, 1959, to Sept. 30, 1970, non-recording gage at same site and datum. Prior to June 17, 1959, at site 0.2 mi (0.3 km) upstream at datum 1.46 ft (0.445 m) higher.

AVERAGE DISCHARGE.--52 years, 2,522 ft^3/s (71.42 m^3/s), 20.63 in/yr (524 mm/yr).

EXTREMES.--Current year: Maximum discharge, 34,700 ft^3/s (983 m^3/s) Mar. 14 (gage height, 19.16 ft or 5.840 m); minimum, 536 ft^3/s (15.2 m^3/s) Oct. 14, 15 (gage height, 3.11 ft or 0.948 m).
Period of record: Maximum discharge, 52,800 ft^3/s (1,500 m^3/s) Feb. 5, 1936 (gage height, 27.9 ft or 8.50 m, site and datum then in use); minimum daily, 45 ft^3/s (1.27 m^3/s) Oct. 2-4, 1954.

REMARKS.--Records fair. Some diurnal fluctuation during extreme low flow caused by milldams above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	779	648	3,930	4,990	3,100	4,920	5,980	3,860	3,780	2,330	5,250	1,700
2	698	648	3,830	3,560	2,960	4,620	6,570	3,810	3,390	2,270	4,170	1,600
3	698	664	2,910	2,970	3,660	4,310	13,800	3,680	2,890	2,330	3,070	1,540
4	632	656	3,170	3,180	13,300	4,030	8,910	4,040	2,490	2,180	2,520	1,450
5	608	716	1,750	3,500	20,800	3,830	6,690	4,350	2,300	2,030	2,390	1,370
6	592	788	1,490	3,300	18,000	3,680	5,620	4,040	2,200	1,840	5,860	1,330
7	592	824	1,490	2,890	11,700	3,630	5,110	3,780	2,300	13,000	5,040	1,550
8	584	815	2,300	3,240	6,470	3,920	4,790	4,590	2,300	11,600	4,230	1,660
9	568	806	2,680	5,470	5,930	3,830	5,080	5,380	2,260	5,710	7,950	1,690
10	560	779	2,530	5,660	5,090	3,660	7,820	4,430	4,030	4,410	9,350	1,570
11	552	788	2,090	11,200	4,590	4,230	6,910	3,830	4,460	5,180	12,800	1,480
12	552	1,120	1,790	9,280	5,260	5,370	5,710	3,450	11,000	4,380	11,900	2,420
13	544	1,310	1,610	7,750	5,620	16,900	5,010	3,140	9,790	3,110	5,520	2,480
14	544	1,190	1,490	5,480	4,790	31,600	8,090	3,050	5,880	2,500	4,020	1,860
15	544	1,150	1,540	4,750	4,170	21,300	11,400	3,120	4,350	2,260	3,300	1,650
16	797	1,110	2,110	3,920	5,300	21,500	8,290	3,920	3,570	2,090	3,020	1,440
17	1,060	1,070	2,300	3,440	14,700	14,000	6,650	4,790	3,150	2,320	2,780	1,430
18	1,100	1,120	2,140	3,120	11,100	13,900	5,660	5,490	2,690	3,120	2,450	2,680
19	914	1,190	1,910	2,930	9,920	19,300	5,150	5,380	2,400	2,610	2,280	4,220
20	788	1,760	2,080	3,320	7,970	13,900	4,750	4,280	2,330	2,330	2,200	2,540
21	716	2,450	2,140	3,560	6,690	10,400	4,430	3,630	2,480	2,760	2,320	1,900
22	672	1,970	2,000	3,240	5,570	7,950	4,190	3,180	2,410	3,150	2,090	1,690
23	656	1,600	1,820	2,910	5,110	6,770	3,990	2,910	2,190	3,240	1,990	8,650
24	640	1,310	8,730	2,960	12,200	13,000	3,900	2,730	1,980	2,630	1,910	22,400
25	648	1,150	12,200	7,970	11,700	14,000	3,800	2,620	1,860	2,890	1,830	16,800
26	656	1,090	8,890	10,300	9,000	9,950	5,130	2,650	1,810	4,390	1,770	14,300
27	664	1,040	5,980	7,510	6,630	7,440	5,520	3,440	2,000	4,230	1,910	6,310
28	648	1,000	4,200	5,350	5,500	6,250	4,090	2,960	1,880	3,230	1,870	3,720
29	648	950	3,740	4,150	------	5,620	3,740	2,700	2,150	2,680	1,800	3,080
30	656	1,310	6,040	3,600	------	6,250	3,860	2,970	2,240	2,500	1,770	2,800
31	648	------	7,270	3,320	------	6,790	------	3,030	------	2,790	1,740	------
TOTAL	20,958	33,022	108,150	148,820	226,830	296,850	180,640	115,230	98,560	112,090	121,100	119,310
MEAN	676	1,101	3,489	4,801	8,101	9,576	6,021	3,717	3,285	3,616	3,906	3,977
MAX	1,100	2,450	12,200	11,200	20,800	31,600	13,800	5,490	11,000	13,000	12,800	22,400
MIN	544	648	1,490	2,890	2,960	3,630	3,740	2,620	1,810	1,840	1,740	1,330
CFSM	.41	.66	2.10	2.89	4.88	5.77	3.63	2.24	1.98	2.18	2.35	2.40
IN.	.47	.74	2.42	3.34	5.08	6.65	4.05	2.58	2.21	2.51	2.71	2.67

CAL YR 1974 TOTAL 998,540 MEAN 2,736 MAX 33,700 MIN 544 CFSM 1.65 IN 22.38
WTR YR 1975 TOTAL 1,581,560 MEAN 4,333 MAX 31,600 MIN 544 CFSM 2.61 IN 35.44

02414500 Tallapoosa River at Wadley, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.43	3.22	5.80	6.46	5.24	6.42	7.03	5.75	5.70	4.67	6.61	4.17
2	3.34	3.22	5.73	5.55	5.14	6.23	7.32	5.72	5.44	4.63	5.95	4.09
3	3.28	3.24	5.12	5.15	5.60	6.04	10.54	5.63	5.09	4.67	5.22	4.03
4	3.25	3.22	5.24	5.29	10.30	5.86	8.40	5.87	4.80	4.56	4.81	3.96
5	3.22	3.29	4.21	5.51	13.57	5.73	7.40	6.06	4.64	4.43	4.72	3.89
6	3.20	3.37	4.00	5.38	12.33	5.63	6.83	5.87	4.58	4.28	6.95	3.86
7	3.20	3.41	4.00	5.09	9.62	5.60	6.53	5.70	4.65	9.98	6.49	4.04
8	3.19	3.40	4.65	5.32	7.28	5.79	6.34	6.21	4.65	9.55	5.99	4.14
9	3.16	3.38	4.95	6.74	6.99	5.73	6.50	6.69	4.62	6.85	7.96	4.16
10	3.15	3.35	4.84	6.83	6.52	5.62	7.93	6.11	5.84	6.09	8.60	4.06
11	3.14	3.36	4.50	9.42	6.21	5.99	7.50	5.72	6.12	6.55	10.09	3.99
12	3.14	3.71	4.25	8.57	6.62	6.68	6.88	5.48	9.31	6.08	9.61	4.68
13	3.13	3.88	4.10	7.89	6.83	11.65	6.47	5.27	8.77	5.25	6.76	4.78
14	3.12	3.78	4.00	6.74	6.34	17.98	8.01	5.21	6.95	4.80	5.85	4.30
15	3.12	3.74	4.03	6.31	5.95	13.72	9.49	5.26	6.06	4.62	5.38	4.12
16	3.42	3.69	4.50	5.79	6.61	13.87	8.14	5.77	5.56	4.49	5.19	3.95
17	3.70	3.65	4.65	5.47	10.92	10.59	7.38	6.34	5.27	4.67	5.01	3.94
18	3.74	3.70	4.53	5.26	9.38	10.53	6.85	6.74	4.95	5.26	4.77	4.93
19	3.54	3.77	4.34	5.12	8.85	12.90	6.55	6.68	4.73	4.89	4.64	5.98
20	3.40	4.22	4.48	5.39	7.99	10.55	6.31	6.02	4.68	4.68	4.58	4.83
21	3.32	4.79	4.53	5.55	7.40	9.06	6.11	5.60	4.79	5.00	4.67	4.33
22	3.27	4.42	4.42	5.34	6.80	7.98	5.96	5.30	4.74	5.28	4.49	4.16
23	3.25	4.11	4.27	5.11	6.52	7.44	5.84	5.11	4.57	5.34	4.41	7.92
24	3.23	3.87	8.11	5.14	9.84	10.09	5.78	4.98	4.40	4.91	4.34	14.26
25	3.23	3.73	9.85	7.94	9.61	10.62	5.71	4.90	4.30	5.09	4.27	10.93
26	3.24	3.66	8.40	9.03	8.45	8.85	6.49	4.92	4.26	6.09	4.23	9.86
27	3.25	3.61	7.02	7.79	7.37	7.76	6.75	5.46	4.41	5.99	4.35	6.62
28	3.23	3.57	5.97	6.67	6.76	7.18	5.90	5.14	4.32	5.33	4.31	5.35
29	3.23	3.52	5.67	5.94	------	6.83	5.67	4.96	4.54	4.93	4.25	5.00
30	3.23	3.84	7.04	5.58	------	7.18	5.74	5.15	4.61	4.81	4.23	4.80
31	3.22	------	7.68	5.39	------	7.45	------	5.18	------	5.01	4.20	------
MAX	3.74	4.79	9.85	9.42	13.57	17.98	10.54	6.74	9.31	9.98	10.09	14.26
MIN	3.12	3.22	4.00	5.09	5.14	5.60	5.67	4.90	4.26	4.28	4.20	3.86

CAL YR 1974 MAX 18.80 MIN 3.12
WTR YR 1975 MAX 17.98 MIN 3.12

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.53	3.16	4.08	18.80	5.68	5.80	5.80	4.55	4.01	3.29	3.20	4.06
2	6.96	3.22	3.83	16.19	5.52	5.65	6.39	4.51	4.08	3.26	3.17	3.97
3	6.38	3.22	3.75	13.80	5.47	5.56	7.66	4.61	4.10	3.34	3.43	5.17
4	5.00	3.22	3.75	11.64	5.27	5.48	8.19	4.78	4.08	4.11	3.46	4.84
5	4.27	3.29	4.76	8.20	5.10	5.41	10.28	4.78	4.00	3.76	3.53	4.28
6	3.94	3.27	5.57	7.30	5.17	5.34	9.99	4.66	3.94	3.93	3.64	4.00
7	3.73	3.27	5.20	6.78	6.69	5.27	9.46	4.79	4.15	4.27	4.31	3.90
8	3.62	3.30	4.51	5.88	8.11	5.21	6.70	4.73	4.30	4.00	8.07	3.87
9	3.54	3.51	4.10	6.28	7.65	5.15	6.05	4.55	4.13	3.92	7.63	3.88
10	3.48	3.64	3.99	5.97	6.48	5.11	5.76	4.36	4.25	3.80	5.78	3.82
11	3.43	3.54	3.90	6.09	5.81	5.04	5.54	4.33	4.49	3.64	5.06	3.75
12	3.42	3.45	3.81	6.59	5.50	5.01	5.41	4.38	4.62	3.52	6.57	3.68
13	3.40	3.40	3.71	6.29	5.28	4.98	6.61	4.37	4.33	3.48	5.84	3.67
14	3.36	3.38	3.70	5.71	5.39	4.99	7.21	4.29	4.34	3.47	5.50	4.13
15	3.36	3.39	3.90	5.44	8.38	4.95	6.63	4.28	4.34	3.42	6.99	4.04
16	3.36	3.53	4.30	5.21	10.42	4.87	6.05	4.32	4.19	3.36	6.21	3.80
17	3.36	3.49	4.20	5.09	10.18	4.85	5.69	4.31	3.97	3.26	5.11	3.69
18	3.33	3.42	4.10	5.00	9.05	4.85	5.44	4.26	3.87	3.21	4.55	3.59
19	3.29	3.41	3.90	4.97	7.71	4.81	5.29	4.16	3.72	3.29	4.26	3.52
20	3.26	3.40	4.31	4.99	7.20	4.83	5.18	4.16	3.64	3.21	4.04	3.47
21	3.23	3.71	4.72	6.72	6.67	6.39	5.07	4.07	3.58	3.30	3.91	3.45
22	3.21	4.53	4.89	6.60	8.20	6.32	5.02	4.05	3.52	3.50	3.79	3.43
23	3.20	4.59	4.55	6.16	8.70	5.80	5.19	4.28	3.47	3.40	3.71	3.38
24	3.20	3.96	4.30	5.67	8.20	5.40	5.16	4.35	3.45	3.39	3.63	3.32
25	3.20	3.79	4.12	5.40	7.20	5.19	5.03	4.22	3.47	3.42	3.57	3.29
26	3.19	3.86	5.36	5.40	6.37	5.10	4.89	4.11	3.46	3.48	3.51	3.42
27	3.18	4.32	7.49	6.60	6.00	5.00	4.79	4.81	3.40	3.50	3.46	3.62
28	3.26	4.10	6.98	6.99	5.72	5.05	4.72	4.78	3.36	4.51	3.42	3.69
29	3.16	4.31	5.80	6.93	------	5.79	4.65	4.56	3.34	3.90	3.42	3.63
30	3.16	4.30	5.48	6.56	------	6.59	4.60	4.24	3.32	3.58	3.83	3.52
31	3.16	------	7.96	6.06	------	6.32	------	4.06	------	3.37	4.14	------
MAX	6.96	4.59	7.96	18.80	10.42	6.59	10.28	4.81	4.62	4.51	8.07	5.17
MIN	3.16	3.16	3.70	4.97	5.10	4.81	4.60	4.05	3.32	3.21	3.17	3.29

CAL YR 1973 MAX 16.93 MIN 3.04
WTR YR 1974 MAX 18.80 MIN 3.16

02414500 Tallapoosa River at Wadley, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.58	3.45	4.22	9.46	5.81	4.68	11.60	6.26	6.79	4.69	3.86	3.33
2	3.46	3.33	4.16	7.93	10.29	4.68	10.03	5.96	6.27	4.55	4.15	3.38
3	3.27	3.42	4.04	6.53	9.49	4.78	7.93	5.83	5.97	4.48	3.99	3.39
4	3.10	3.50	3.92	6.23	8.15	4.98	7.09	5.97	5.81	4.44	3.90	3.34
5	3.05	3.45	3.88	6.03	6.93	5.08	6.40	5.79	5.56	4.85	3.75	3.28
6	3.07	3.36	4.43	6.78	6.18	5.08	6.10	5.60	6.92	4.61	3.77	3.24
7	3.13	3.33	4.84	9.38	5.77	5.07	9.09	5.41	8.07	4.58	4.20	3.23
8	3.09	4.23	4.67	15.06	5.75	5.28	13.39	11.20	7.09	4.49	4.49	3.26
9	3.02	4.24	4.40	12.52	5.88	6.28	11.64	9.24	6.58	4.41	4.20	3.22
10	2.95	4.02	4.25	10.03	6.46	6.47	9.78	7.70	6.44	4.41	4.16	3.19
11	2.90	3.76	4.31	7.61	5.84	6.44	7.52	6.34	6.23	4.49	4.16	3.16
12	2.88	3.54	4.55	6.53	5.60	8.30	6.76	6.12	5.92	4.33	4.22	3.15
13	2.86	3.68	4.49	6.05	5.56	7.90	6.65	6.54	5.93	4.35	4.01	3.22
14	2.85	6.30	4.60	5.74	5.73	6.56	6.33	6.09	5.67	4.28	4.26	3.54
15	3.05	6.35	8.82	5.53	6.00	5.78	6.18	5.67	5.75	4.65	4.58	3.49
16	3.35	5.46	11.54	5.38	5.58	7.32	6.18	5.42	5.44	4.41	4.53	3.50
17	3.21	4.55	10.13	5.25	5.31	16.93	6.03	5.27	5.90	4.77	4.15	3.63
18	3.07	4.10	8.07	5.17	5.19	13.88	6.03	5.18	5.64	4.73	4.17	3.48
19	3.06	3.95	5.96	6.64	5.09	11.90	5.82	5.22	5.36	4.51	4.34	3.44
20	3.01	4.17	5.47	6.80	5.03	9.48	5.70	8.43	5.37	4.46	4.25	4.10
21	3.01	4.21	7.55	6.33	4.97	8.13	5.75	11.26	5.81	4.25	3.96	3.66
22	2.99	4.10	9.10	8.75	4.91	7.24	5.57	9.98	5.32	4.13	3.76	3.37
23	3.01	3.92	7.86	8.92	4.86	6.83	5.49	7.14	5.06	4.02	3.65	3.26
24	3.22	3.78	6.70	7.93	4.80	6.41	5.49	6.78	4.96	3.94	3.57	3.19
25	3.43	3.84	5.83	6.85	4.85	7.21	7.48	6.68	4.93	3.96	3.52	3.15
26	3.31	4.51	5.28	6.45	4.78	7.46	9.22	6.49	4.98	4.15	3.51	3.08
27	3.26	4.71	4.97	6.60	4.75	6.90	12.04	6.68	4.75	4.37	3.49	3.04
28	3.97	4.47	4.77	6.34	4.68	6.39	10.71	13.09	4.80	4.67	3.46	3.06
29	4.16	4.19	4.63	6.07	------	6.29	9.31	12.60	5.19	4.39	3.44	3.28
30	3.90	4.07	4.58	5.73	------	5.88	6.94	10.05	4.88	4.07	3.38	3.38
31	3.64	------	9.04	5.56	------	13.02	------	8.17	------	3.91	3.33	------
MAX	4.16	6.35	11.54	15.06	10.29	16.93	13.39	13.09	8.07	4.85	4.58	4.10
MIN	2.85	3.33	3.88	5.17	4.68	4.68	5.49	5.18	4.75	3.91	3.33	3.04

CAL YR 1972 MAX 16.25 MIN 2.85
WTR YR 1973 MAX 16.93 MIN 2.85

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.30	3.29	4.00	3.95	6.92	5.31	5.45	4.51	4.17	4.80	4.58	2.90
2	3.29	3.33	3.91	4.43	6.27	6.97	5.55	4.44	4.05	4.47	4.46	2.82
3	3.25	4.00	5.32	4.93	6.42	8.65	5.41	4.49	3.98	4.23	4.22	2.74
4	3.21	5.00	6.28	7.22	6.73	7.11	5.36	4.57	3.89	4.48	4.03	2.76
5	3.17	4.24	5.73	13.89	6.45	6.38	5.44	4.59	3.85	4.32	3.84	2.82
6	3.25	3.74	5.19	10.69	6.08	6.02	5.32	4.45	3.81	4.13	3.80	3.02
7	3.23	3.69	6.28	9.92	6.70	5.75	5.22	4.27	3.86	4.02	3.68	3.10
8	3.18	3.57	7.48	.00	6.55	5.91	6.83	4.40	3.84	3.93	3.66	3.19
9	3.12	3.50	6.15	5.95	6.17	6.07	6.91	4.49	3.82	3.84	3.62	3.18
10	3.08	3.49	5.25	13.51	5.82	5.91	6.08	4.49	3.80	3.79	3.74	3.07
11	3.08	3.49	4.84	16.25	5.63	5.65	5.61	4.39	3.78	3.74	3.76	2.98
12	3.08	3.49	4.56	13.43	5.60	5.52	5.41	4.26	3.68	3.69	3.68	2.92
13	3.08	3.49	4.52	15.03	6.33	5.40	5.32	6.01	3.64	3.62	3.60	2.84
14	3.08	3.47	4.42	12.07	6.38	5.46	5.20	10.95	3.62	3.64	3.55	2.80
15	3.08	3.47	4.40	8.08	6.20	5.53	5.08	9.80	3.55	3.61	3.52	2.77
16	3.14	3.47	4.29	.00	5.94	5.60	4.98	9.06	3.51	3.61	3.47	2.73
17	3.14	3.47	4.82	6.41	6.16	5.94	4.92	6.85	3.45	3.70	3.33	2.74
18	3.14	3.47	5.72	6.03	6.27	5.82	4.83	5.85	3.45	3.75	3.26	3.19
19	3.14	3.44	5.41	5.80	6.13	5.68	4.76	5.43	3.47	3.70	3.20	4.20
20	3.14	3.48	5.10	5.63	5.89	5.52	4.68	5.14	4.49	3.86	3.15	4.10
21	3.15	3.51	5.14	5.56	5.66	5.46	4.66	4.92	6.55	3.71	3.16	3.79
22	3.18	3.52	4.76	5.70	5.50	5.60	5.44	4.87	5.69	3.61	3.11	3.44
23	3.21	3.51	4.62	5.85	5.45	5.86	5.67	4.75	4.67	3.52	3.08	3.28
24	3.25	3.64	4.39	.00	5.40	5.76	5.29	4.53	4.13	3.50	3.13	3.17
25	3.38	3.94	4.26	5.45	5.35	5.49	4.91	4.85	4.07	3.60	3.07	3.12
26	3.40	4.00	4.18	5.25	5.49	5.53	4.74	4.57	4.12	3.57	3.03	3.04
27	3.35	3.94	4.05	5.13	5.53	5.46	4.62	4.39	5.26	3.69	3.01	3.08
28	3.31	3.85	4.03	5.06	5.40	5.45	4.54	4.24	7.07	4.34	3.00	3.26
29	3.26	4.04	4.05	5.33	5.28	6.02	4.50	4.10	6.59	4.62	2.97	3.37
30	3.26	4.04	4.01	7.33	------	6.23	4.62	4.10	5.51	4.84	3.05	3.44
31	3.26	------	3.98	7.66	------	5.93	------	4.19	------	4.70	3.00	------
MAX	3.40	5.00	7.48	16.25	6.92	8.65	6.91	10.95	7.07	4.84	4.58	4.20
MIN	3.08	3.29	3.91	3.95	5.28	5.31	4.50	4.10	3.45	3.50	2.97	2.73

CAL YR 1971 MAX 21.13 MIN 3.08
WTR YR 1972 MAX 16.25 MIN 2.73

02418500 Tallapoosa River below Tallassee, Ala.

LOCATION.--Lat 32°30'45", long 85°53'21", in E½ sec. 30, T. 18 N., R. 22 E., Tallapoosa County, on left bank, 1.5 mi (2.4 km) downstream from Benjamin Fitzpatrick Highway bridge and Thurlow Dam at Tallassee, 3.5 mi (5.6 km) upstream from Uphapee Creek, and at mile 48.1 (77.4 km).

DRAINAGE AREA.--3,320 mi^2, approximately (8,600 km^2, approximately).

PERIOD OF RECORD.--July 1928 to current year.

GAGE.--Water-stage recorder. Datum of gage is 162.03 ft (49.387 m) above mean sea level (levels by Alabama Power Co.).

AVERAGE DISCHARGE.--47 years, 4,828 ft^3/s (136.7 m^3/s), 19.75 in/yr (502 mm/yr).

EXTREMES.--Current year: Maximum daily discharge, 55,600 ft^3/s (295 m^3/s) Apr. 3; minimum daily, 66 ft^3/s (1.869 m^3/s) for many days.

Period of record: Maximum discharge, 128,000 ft^3/s (3,620 m^3/s) Feb. 25, 1961 (gage height, 50.4 ft or 15.36 m) computed on basis of powerplant records and flow over spillway; maximum gage height, 51.35 ft (15.651 m) Mar. 15, 1929; minimum daily discharge, 10 ft^3/s (0.28 m^3/s) June 3, 1930, May 17, 1931.

REMARKS.--Records fair. Daily discharge computed on basis of powerplant records, flow over spillway, and measured leakage. Flow regulated by Lake Martin (see sta. 02417500) and hydroelectric plants above station.

COOPERATION.--Records collected by Alabama Power Co., under general supervision of Geological Survey, in connection with a Federal Power Commission project.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,570	4,230	3,750	9,730	9,600	10,500	10,500	8,630	6,290	6,050	8,000	5,220
2	1,580	66	6,310	9,680	9,600	10,500	11,400	8,700	7,880	6,750	8,000	5,570
3	1,480	66	6,820	9,880	9,600	10,500	55,600	4,470	5,330	4,630	5,100	5,670
4	1,660	3,290	7,560	9,790	9,600	10,500	35,100	456	4,000	2,250	5,540	7,250
5	3,140	3,080	7,530	9,500	9,600	10,500	17,800	8,000	5,410	66	7,540	6,190
6	66	3,110	7,040	9,080	9,600	10,500	15,100	9,240	4,310	1,330	6,630	4,080
7	3,030	3,930	6,140	7,950	9,600	10,400	14,700	9,240	3,250	10,900	8,000	815
8	2,300	4,470	4,550	8,330	9,600	10,500	11,900	9,780	66	23,800	8,000	5,350
9	2,200	91	7,900	9,420	9,600	10,500	10,500	9,620	5,090	18,700	7,250	5,750
10	3,500	66	6,720	8,980	9,600	10,500	12,100	7,440	3,900	15,200	10,200	4,670
11	3,750	2,300	6,230	9,960	9,680	10,400	14,400	981	7,160	8,770	11,000	5,430
12	66	5,030	6,600	9,820	9,600	10,400	13,300	5,850	11,100	6,200	15,500	4,780
13	211	5,660	6,050	9,600	9,600	10,500	11,200	8,170	15,100	5,670	13,400	3,030
14	1,630	5,540	736	9,600	9,600	12,200	18,400	4,250	11,200	6,320	9,920	66
15	2,820	6,520	691	9,410	9,600	17,400	35,900	6,760	8,770	4,820	8,280	5,620
16	66	2,990	6,260	9,680	9,850	18,200	21,800	7,190	4,850	4,410	8,400	5,130
17	165	66	7,210	9,600	10,500	28,200	17,000	10,100	5,160	3,910	7,590	5,830
18	1,320	5,120	6,320	9,600	10,500	23,900	14,700	9,580	4,170	5,880	5,580	4,570
19	1,050	2,880	5,870	9,600	10,500	26,600	13,400	8,980	2,990	6,350	5,250	5,960
20	66	4,240	6,270	9,600	10,400	32,700	10,800	7,290	6,850	2,440	5,710	4,370
21	4,150	5,720	5,820	9,600	10,500	18,200	8,570	8,110	6,820	5,420	5,480	5,000
22	1,220	4,770	1,710	9,600	10,500	16,700	8,230	6,510	2,110	7,430	6,010	6,490
23	850	3,750	1,510	9,600	10,500	15,300	8,500	5,480	4,570	6,980	4,920	7,550
24	2,990	66	8,160	9,220	10,500	15,200	8,200	3,210	4,510	9,300	4,420	10,500
25	3,280	5,920	9,980	9,600	10,500	21,900	8,200	66	4,020	9,180	5,140	9,410
26	66	6,320	9,190	9,600	10,500	20,900	7,520	5,060	4,540	7,190	5,390	9,490
27	66	5,430	9,160	9,400	10,500	17,200	3,860	5,280	5,480	6,320	7,100	9,400
28	2,050	76	8,550	9,600	10,500	16,200	7,400	1,790	141	7,150	6,390	7,860
29	1,690	5,230	8,920	9,600	------	15,600	7,160	4,700	66	7,880	4,830	7,910
30	1,900	2,660	9,090	9,400	------	15,100	9,680	5,780	6,250	7,920	4,410	7,850
31	1,070	------	8,380	9,600	------	10,600	------	7,680	------	7,910	2,000	------
TOTAL	51,002	102,687	197,027	293,630	279,830	478,300	442,920	198,393	161,383	227,126	220,980	176,811
MEAN	1,645	3,423	6,356	9,472	9,994	15,430	14,760	6,400	5,379	7,327	7,128	5,894
MAX	4,150	6,520	9,980	9,960	10,500	32,700	55,600	10,100	15,100	23,800	15,500	10,500
MIN	66	66	691	7,950	9,600	10,400	3,860	66	66	66	2,000	66

CAL YR 1974	TOTAL	1,665,544	MEAN	4,563	MEAN/	4,716	MAX	10,400	MIN	66	CFSM/	1.42	IN./	19.28
WTR YR 1975	TOTAL	2,830,089	MEAN	7,754	MEAN/	7,902	MAX	55,600	MIN	66	CFSM/	2.38	IN./	32.31

02419000 Uphapee Creek near Tuskegee, Ala.

LOCATION.--Lat 32°28'36", long 85°41'42", on east line of sec. 12, T. 17 N., R. 23 E., Macon County, on left bank at downstream side of bridge on State Highway 81, 1 mi (1.6 km) upstream from Red Creek, 1.2 mi (1.9 km) upstream from bridge on Western Railway of Alabama, and 4 mi (6.4 km) north of Tuskegee.

DRAINAGE AREA.--330 mi^2 (855 km^2).

PERIOD OF RECORD.--October 1939 to September 1970. Flood hydrograph, water years 1971-74. October 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is 223.65 ft (68.169 m) above mean sea level.

AVERAGE DISCHARGE.--32 years (1939-70, 1974-75), 436 ft^3/s (12.35 m^3/s), 17.94 in/yr (456 mm/yr).

EXTREMES.--Current year: Maximum discharge, 10,600 ft^3/s (300 m^3/s) Apr. 15 (gage height, 18.65 ft or 5.685 m); minimum, 50 ft^3/s (1.42 m^3/s) Nov. 4, 5.
Period of record: Maximum discharge, 32,200 ft^3/s (912 m^3/s) Apr. 9, 1964 (gage height, 28.18 ft or 8.589 m).
1939-70, 1974-75: Minimum daily discharge, 0.8 ft^3/s (0.023 m^3/s) Sept. 14, 1954.
Flood in March 1929 reached a stage of about 2.0 ft (about 0.6 m) higher than that of Apr. 9, 1964, from information by local resident.

REMARKS.--Records fair except those for period of no gage-height record, which are poor. Occasional diurnal fluctuation at low flows caused by small plant above station.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	162	54	244	420	715	1,000	1,130	432	450	270	1,500	135
2	130	53	244	400	682	940	1,860	480	380	200	1,210	110
3	112	52	223	400	664	800	4,770	374	390	140	654	88
4	122	51	172	500	654	700	4,680	350	220	150	584	79
5	94	55	145	550	839	650	1,630	320	160	140	947	60
6	87	63	129	500	1,030	600	1,010	300	140	500	1,450	139
7	83	72	151	450	1,010	650	774	330	130	1,200	1,660	100
8	77	65	223	1,100	886	600	708	400	120	1,700	1,360	110
9	73	62	236	2,600	800	560	665	450	140	700	563	140
10	71	59	194	3,550	749	560	741	380	300	500	462	95
11	68	63	161	3,210	712	605	913	330	530	800	1,160	85
12	67	81	158	2,530	677	647	814	350	800	600	1,310	106
13	66	91	148	2,320	658	719	636	300	680	320	878	247
14	66	81	138	1,560	636	1,950	4,460	270	300	320	429	120
15	63	79	510	1,130	606	3,630	8,700	300	220	270	349	82
16	114	75	950	948	754	3,650	4,380	430	180	220	280	68
17	136	72	700	876	3,400	4,280	1,610	720	160	200	246	100
18	111	89	430	826	7,000	5,120	1,080	600	140	190	220	250
19	90	114	700	782	6,000	6,760	855	420	130	190	194	600
20	80	134	1,100	751	4,000	4,600	744	300	160	198	174	300
21	74	156	1,000	745	2,960	1,950	601	250	240	196	168	127
22	69	143	700	724	1,620	1,260	550	230	300	196	147	160
23	66	112	600	691	1,120	1,340	462	210	220	402	137	510
24	66	97	1,000	699	1,610	2,280	437	280	150	478	149	1,180
25	66	90	1,500	1,000	2,260	3,020	423	190	120	560	172	1,060
26	63	82	940	1,300	2,090	2,760	391	240	100	825	140	792
27	63	80	640	1,280	1,200	1,250	371	200	100	507	165	478
28	62	78	540	1,020	910	888	349	170	110	277	135	270
29	58	74	480	873	------	799	338	160	130	233	99	242
30	57	156	440	804	------	825	384	190	200	402	99	233
31	55	------	430	756	------	875	------	250	------	954	108	------
TOTAL	2,571	2,533	15,226	35,295	46,242	56,268	46,466	10,206	7,400	13,838	17,149	8,066
MEAN	82.9	84.4	491	1,139	1,652	1,815	1,549	329	247	446	553	269
MAX	162	156	1,500	3,550	7,000	6,760	8,700	720	800	1,700	1,660	1,180
MIN	55	51	129	400	606	560	338	160	100	140	99	60
CFSM	.25	.26	1.49	3.45	5.01	5.50	4.69	1.00	.75	1.35	1.68	.82
IN.	.29	.29	1.72	3.98	5.21	6.34	5.24	1.15	.83	1.56	1.93	.91

WTR YR 1975 TOTAL 261,260 MEAN 716 MAX 8,700 MIN 51 CFSM 2.17 IN 29.45

(PEAK DISCHARGE (BASE, 5,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
3-19	2000	15.80	7,910	4-15	1700	18.65	10,600
4-03	0900	14.85	7,020				

NOTE.--No gage-height record May 3 to July 19.

02419500 (NWS 01-5439-06) Tallapoosa River at Milstead, Ala.

LOCATION.--Lat 32°27', long 85°54', in NW¼ sec. 19, T. 17 N., R. 21 E., Macon County, on downstream side of bridge on State Highway 229, at Milstead, 4.0 mi (6.4 km) downstream from Uphapee Creek.

DRAINAGE AREA.--3,750 mi^2, approximately (9,710 km^2, approximately), revised.

PERIOD OF RECORD.--August 1897 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. May 1902 to December 1971 in reports of National Weather Service.
See WSP 1304 for discharge records for the five years 1897-1902.

GAGE.--Nonrecording gage. Datum of gage is 153.84 ft (46.890 m) above mean sea level. Aug. 7, 1897, to Feb. 28, 1919, and Feb. 15, 1962, to September 1972, located 100 ft (30 m) upstream on Birmingham and Southeastern Railroad bridge at same datum. Feb. 28, 1919, to Feb. 15, 1962, at present site and datum.

EXTREMES.--Period of record: Maximum, 54.0 ft (16.46 m) Dec. 10, 1919; minimum, -1.1 ft (-0.34 m) Nov. 17, 1935.

COOPERATION.--Records furnished by National Weather Service.

REVISIONS.--Subtract 1.2 ft (0.36 m) from all readings from Apr. 1 to Dec. 23, 1923. In volume VII, p. 400, of Daily River Stages, change all readings at 0.1 ft and 0.2 ft to 1.0 ft and 2.0 ft, respectively.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.60	2.20	3.10	11.70	12.00	13.00	12.70	10.20		5.90		
2	1.30	2.40	6.20	11.90	11.90	13.00	12.50	11.30	10.30	8.30	11.80	
3	1.60	-.10	8.30	11.60	12.10	13.00	31.70	9.80	8.10	5.40	9.90	
4	1.40	-.10	9.20	12.30	12.10	12.80	37.50	2.90	3.30	4.00	4.70	
5	1.80	3.70	8.60	12.00	12.90	12.70	25.80	.60	2.50	2.40	10.80	
6	2.90		7.40	11.90	13.30	12.60	17.70	1.10	5.60	.70	7.30	4.40
7	.10	2.60	6.80	10.50	12.90	12.60	15.20	1.00	3.40	.70	11.50	1.90
8	1.10	2.60	4.70	11.50	12.50	12.90	14.60	12.00	2.50	20.50	11.40	
9	2.20	2.50	9.70	15.90	12.10	12.80	13.00	12.60	.60	23.40	11.00	5.90
10	2.30	1.80	6.30	18.50	12.10	12.70	12.60	11.60	4.30	17.60	11.00	6.00
11	2.80	1.10	7.10		12.10	12.80	15.50	5.20	3.40	12.70	12.50	3.40
12	1.60	1.00	7.80	16.10	11.90	12.70	15.00	2.20		8.10	15.80	
13	1.50	4.00	5.80	15.70	12.00	12.70	14.30	5.90	15.60	7.70	16.70	3.30
14	1.80	4.60	7.00	14.10	11.90	18.40	12.70	5.80	14.80	10.00	14.50	2.70
15	2.10	5.30	.80	13.60	11.80	21.10	31.70	7.60	12.40		12.30	.20
16		7.40	2.00	12.90	11.90	20.90	33.10	9.70	16.20		10.30	5.20
17		1.10	9.50	12.40	21.20	26.70	23.20	12.30	6.50	3.80		9.70
18	.60	.20	8.40	12.10	24.30	27.20	18.70	14.60	3.50	3.60		
19	1.20	3.80	5.50	12.10	26.90	31.80	15.50	12.60	3.40	8.90		5.60
20	1.30	1.80	6.70	12.50	21.00	35.60	14.10	9.80	2.20	4.70		5.40
21	1.30	4.10	8.00	12.20	17.30	26.70	12.10	10.70	9.10	3.20		3.20
22	1.90	3.80	5.20	12.10	15.30	19.90	9.70	6.30	6.80	10.30		8.70
23	1.50	3.00	2.50	12.20	14.20	18.00	9.60	6.00	3.10	4.50		
24	.50	3.10	9.70	12.10	14.70	20.70	10.20	3.60	6.20	11.10		
25	2.90	.30	16.00	13.40	14.70	24.40	9.90	2.50	4.70	10.80		14.50
26	1.80	8.60	13.80	13.90	15.10	20.00	9.60	.90	3.00	12.10		13.30
27	1.30	3.60	12.20	13.30	14.00	17.80	9.20	7.10	7.80	4.20		12.60
28	.90	3.60	9.10	12.80	13.30	17.00	9.00	5.70	5.90	9.90		11.40
29	3.00	.30	11.70	12.30	------	16.80	9.60	2.10	.90	10.30		10.20
30	.60	3.30	11.80	11.30	------	14.40	10.20	5.00	.90	9.90		10.20
31	2.40	------	11.00	12.10	------		------	9.40	------	10.70		------
MAX			16.0	18.5	26.9		37.5	14.6				
MIN			.8	10.5	11.8		9.0	.6				

02419500 (NWS 01-5439-06) Tallapoosa River at Milstead, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.20	4.70	3.00	12.10	14.20	11.80	1.20	4.00	1.90	1.00	3.90	4.50
2	.60	4.70	.30	13.80	12.80	10.40	3.90	5.80	1.70	1.80	2.90	1.20
3	5.50	4.90	.40	12.80	12.50	10.00	11.10	3.30	2.30	1.30	1.40	4.20
4	6.70	3.10	5.20	12.80	12.20	10.30	13.10	4.80	4.40	1.30	1.90	3.20
5	7.30	3.40	4.00	12.70	12.10	10.20	15.70	.70	1.90	.10	1.60	3.70
6	4.00	5.20	9.00	12.10	11.70	10.20	14.60	1.00	3.30	1.70	1.10	
7	3.10	4.00	6.40	11.90	12.60	10.20	12.60	.10	3.00	.20	1.40	
8	1.30		9.50	11.80	14.00	10.20	7.60	.20	2.60	1.90	.40	
9	2.50	2.60	4.10	12.30	13.50	7.90	11.90	1.10	1.90	2.80	1.40	
10	6.60	3.50	4.30	12.10	12.90	6.80	11.50	2.50	1.60	.80		
11	5.10	4.50	6.50	11.90	12.80	9.90	11.10	3.30	5.20	.70	1.40	
12	5.70	3.10	7.90	11.90	12.00	9.80	10.60	2.90	5.00	.40	.40	
13	4.60	3.00	5.60	11.80	11.80	8.70	10.80	1.30	4.10	.30	2.80	
14	4.80	2.70	6.90	11.70	10.00	9.80	13.10	5.80	1.70	2.40	2.70	
15	.40	2.70	3.40	11.20	10.50	7.50	9.00	8.30	.70	2.90	1.50	
16	-.40	6.50	2.70	11.50	12.30	1.40	9.10	6.80	2.20	2.20	9.00	
17	2.90	5.70	3.00	11.70	12.10	.80	7.90	5.40	2.00	2.30	9.30	
18	1.00	2.50	1.00	11.50	12.00	.70	6.60	6.30	2.10	2.40	3.80	
19	.40	.70	3.90	11.50	11.90	1.80	6.20	3.50	1.70	2.90	4.80	4.30
20	-.30	3.90	7.30	11.30	12.20	2.60	7.30	6.40	1.30	2.00	8.70	4.10
21	.30	7.00	8.40	13.30	12.30	2.30	3.70	8.30	3.00	1.10	3.60	5.30
22	-2.90	6.10	9.60	12.70	13.10	3.90	3.70	6.40	2.10	.30	3.10	4.20
23	.80	6.20	6.00	12.10	13.60	2.00	6.40	5.90	2.50	2.50	6.00	1.90
24	.70	7.00	.60	13.20	13.50	1.30	6.30	2.50	.00	2.30	3.20	1.90
25	.40	.50	.30	12.30	12.90	1.00	5.10	1.80	-.40	1.80	3.30	1.20
26	4.00	.00	2.60	13.30	12.00	5.40	5.80	.50	.90	1.40	3.20	.00
27	5.30	3.40	5.80	13.00	11.90	2.70	3.80	4.10	1.20	2.00	7.30	3.40
28	3.20	3.60	9.80	12.70	11.80	1.60	1.90	.50	1.60	1.80	5.20	3.40
29	.00	7.50	4.70	12.90	------	4.10	6.00	1.50	2.20	.10	3.10	1.90
30	5.30	3.00	7.60	15.60	------	3.60	4.50	3.90	2.30	3.20	3.90	.60
31	4.40	------	2.60	14.70	------	2.00	------	7.20	------	2.10	2.10	------
MAX	7.3	7.0	9.8	15.6	14.2	11.8	15.7	8.3	5.2	3.2	9.3	
MIN	-2.9	0	.3	11.2	10.0	.7	1.2	.1	-.4	.1	.4	

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							32.00		16.00	3.30	2.60	.40
2							37.70		15.00	3.10	2.80	.40
3							25.60		11.00	2.40	2.50	.00
4							20.40	8.50	8.50		2.80	
5							15.80	4.50		1.80	1.70	.50
6							12.80	5.00	8.30	1.90	.50	3.80
7							13.00	4.90	12.90		3.30	6.60
8							28.60				3.20	3.70
9								27.80	17.30		4.10	4.80
10							22.20	23.50	14.80		2.20	2.10
11							18.80	16.70	11.00		.80	.80
12							16.70	12.90	7.30		2.80	4.90
13							14.20		10.10		3.60	4.00
14							11.50				3.80	2.90
15							11.90				2.50	2.30
16							11.40				2.60	4.60
17							11.60				2.10	.80
18							10.40			6.10	2.50	2.80
19							10.90			7.00	2.10	1.10
20							10.70			5.10	4.20	.10
21							5.40		6.40	8.40	.20	2.40
22							2.70	15.10	6.90	3.30	.20	4.30
23							1.70	16.60	8.30	3.00	.70	5.30
24							6.30	14.00	3.10	8.70	2.30	1.00
25							10.80	12.60	1.10	5.40	3.00	4.00
26							20.20	11.50	4.00	5.70	2.80	5.40
27							26.60	12.00		7.40	1.10	5.50
28							26.30	12.20		3.10	4.00	5.50
29					------			29.50		5.20	8.80	.20
30					------			29.10	3.40	5.50	4.80	2.00
31		------			------		------	18.00	------	3.80	2.40	------
MAX											8.8	
MIN											.2	

02419890 Tallapoosa River near Montgomery, Ala.

LOCATION.--Lat 32°26'23", long 86°11'44", in SE¼ sec. 19, T. 17 N., R. 19 E., Montgomery County, on left bank at the Clarence T. Perry (City of Montgomery) water purification plant, 4 mi (6.4 km) northeast of Montgomery, 2.5 mi (4.0 km) above U.S. Highway 231 bridge, and approximately 7 mi (approximately 11 km) above mouth.

DRAINAGE AREA.--4,600 mi^2, approximately (11,900 km^2, approximately).

PERIOD OF RECORD.--October 1972 to current year (gage heights only). August 1966 to December 1970 in files of the Geological Survey. May 1972 to Sept. 30, 1972, in files of the National Weather Service.

GAGE.--Nonrecording gage. Datum of gage is 129.13 ft (39.359 m) above mean sea level.

EXTREMES.--Maximum and minimum gage heights (at 0700) for the water years 1973-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1973	Apr. 2, 1973	31.4	9.57	Nov. 7, 1972	1.1	0.34
1974	Apr. 6, 1974	18.8	5.73	Oct. 22, 1973	1.0	0.30
1975	Mar. 21, 1975	29.5	8.99	Oct. 13, 1974	0.6	0.18

Period of record: Maximum, 31.4 ft (9.57 m) Apr. 2, 1973; minimum, 0.6 ft (0.18 m) Oct. 13, 1974.
Flood of Feb. 26, 1961, reached a stage of 41.9 ft (12.77 m) from floodmarks.

REMARKS.--Flow is regulated by Lake Martin (see sta. 02417500) and hydroelectric plants above station.

COOPERATION.--Records furnished by National Weather Service.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.20	2.80	5.20	11.00	13.50	13.60	14.00	11.60	9.00	7.50	11.50	5.40
2	4.10	6.00	5.20	11.70	11.60	13.00	13.50	11.50	7.00	8.80	11.90	6.60
3	3.40	3.00	9.40	11.30	11.60	12.50	19.80	10.90	6.50	7.70	11.80	7.90
4	3.90	1.70	9.50	11.40	11.60	12.50	27.50	7.50	8.00	8.00	9.10	7.20
5	3.00	5.50	9.70	11.20	14.30	12.40	28.80	5.50	7.00	5.70	8.80	8.70
6	3.70	5.90	9.40	11.40	17.30	12.20	22.90	9.30	7.40	5.30	10.80	8.70
7	3.20	4.60	8.20	11.20	17.50	12.00	16.80	10.40	7.90	2.00	11.20	8.70
8	4.80	5.10	9.20	11.50	14.90	10.10	15.10	10.80	7.50	3.20	12.50	3.50
9	2.90	6.70	7.70	17.30	14.50	12.40	12.90	11.30	3.40	17.80	12.60	5.50
10	3.20	4.90	9.50	17.20	12.40	12.40	12.10	10.60	4.10	17.20	11.80	7.00
11	4.70	1.80	9.50	17.50	14.40	11.60	12.90	8.40	6.40	13.70	12.80	7.30
12	7.40	4.90	8.50	20.20	11.50	12.40	14.40	5.30	6.60	11.20	13.90	8.00
13	.60	7.40	9.80	18.90	11.50	12.20	14.50	5.60	12.70	9.90	15.10	8.60
14	6.30	7.00	9.60	16.90	11.60	13.80	12.50	10.60	14.90	10.00	15.00	7.60
15	1.60	7.50	4.30	14.90	10.00	18.90	19.10	9.60	11.80	9.30	12.30	2.70
16	6.80	8.90	4.00	13.20	10.40	19.20	26.40	9.60	10.60	8.30	10.20	8.80
17	7.50	6.30	7.60	12.00	16.10	21.80	27.10	10.90	7.10	7.80	9.20	
18	2.10	3.10	10.60	11.40	24.30	24.70	22.60	14.70	8.30	6.90	9.50	7.90
19	1.90	6.20	10.20	10.50	26.50	25.30	18.20	14.30	7.80	9.50	9.50	7.60
20	2.30	5.30	9.30	11.60	27.20	28.40	14.40	13.10	7.20	9.20	9.00	8.30
21	2.50	4.90	10.50	12.20	22.50	29.50	12.90	11.90	11.20	7.00	9.30	7.30
22	6.20	8.20	10.20	11.30	18.30	26.50	11.20	10.30	10.80	9.00	9.40	6.70
23	2.80	7.60	7.70	10.50	16.70	20.90	10.00	9.30	7.40	9.50	9.40	7.60
24	3.30	7.40	7.40	10.50	15.10	17.30	11.30	9.30	9.00	10.70	7.00	16.30
25	2.50	2.80	16.40	12.20	15.90	17.20	10.70	7.50	8.40	10.50	6.30	18.50
26	6.20	6.50	16.20	15.70	15.30	20.90	10.40	3.60	8.40	10.30	7.50	18.30
27	5.90	7.10	14.40	16.10	15.50	21.90	10.30	9.20	8.80	9.60	8.40	15.00
28	1.20	7.40	13.00	14.80	14.20	19.60	9.50	9.30	8.60	9.20	8.70	13.90
29	1.10	5.10	11.60	13.90	------	17.20	10.20	6.20	5.30	10.00	7.10	10.10
30	3.80	7.60	11.00	12.20	------	16.20	9.10	8.60	3.50	10.20	8.50	9.50
31	3.20	------	11.20	11.80	------	16.00	------	8.20	------	10.40	7.00	------
MAX	7.5	8.9	16.4	20.2	27.2	29.5	28.8	14.7	14.9	17.8	15.1	18.5
MIN	.6	1.7	4.0	10.5	10.0	10.1	9.1	3.6	3.4	2.0	6.3	2.7

CAL YR 1974 MAX 18.8 MIN 0.6
WTR YR 1975 MAX 29.5 MIN 0.6

02419890 Tallapoosa River near Montgomery, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700. WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.20	8.00	6.50		15.80	11.60	5.50	6.50	6.70	2.20	3.00	7.20
2	3.50	6.30	3.80	18.10	14.30	10.50	8.20	6.90	3.00	1.30	4.00	4.70
3	4.60	6.60	2.00	17.20	13.40	10.40	11.90	7.20	7.00	1.20	4.70	5.40
4	3.90	7.10	8.30	15.20	11.80	10.20	14.50	7.10	3.00	2.20	5.20	8.00
5	7.30	8.80	9.50	14.20	11.90	10.30	18.50	4.10	5.20	2.00	2.00	7.20
6	7.40	6.50	9.00	14.60	11.30	10.00	18.80	2.50	3.20	1.70	3.10	8.00
7	5.00	7.20	9.30	12.30	11.80	10.00	16.00	2.10	6.20	2.70	2.60	7.90
8	4.90	8.90	7.30	12.10	13.90	9.90	14.10	2.10	7.60	1.80	2.20	7.70
9	7.10	8.20	8.20	12.30	15.30	9.50	12.30	3.40	7.30	2.60	2.60	8.40
10	5.90	7.50	6.90	12.50	13.30	9.20	12.00	4.60	8.50	3.60	7.00	8.90
11	5.80	7.20	6.10	12.40	13.70	7.00	11.10	5.40	9.10	3.80	5.90	10.20
12	6.00	7.30	8.80	12.80	12.80	9.50	10.80	5.20	8.50	6.90	2.90	10.40
13	5.40	7.20	9.20	12.80	11.90	9.10	11.80	4.50	9.10	5.80	5.90	9.40
14	6.70	8.50	8.80	11.90	11.30	9.40	7.30	3.90	6.20	3.60	7.00	9.80
15	4.10	8.80	7.00	11.80	9.50	9.20	12.20	4.60	3.90	3.30	6.90	9.80
16	3.60	8.80	5.60	10.50	11.80	8.40	12.40	5.20	3.30	5.20	8.90	8.50
17	5.20	8.60	5.00	10.10	12.80	7.40	11.30	4.50	3.40	4.20	9.30	8.40
18	2.40	8.40	5.80	10.90	11.30	7.20	11.70	5.90	4.10	5.20	9.20	8.20
19	2.90	2.00	9.40	10.00	12.10	6.80	8.50	6.50	3.40	5.20	8.00	8.50
20	2.20	7.80	9.80	9.20	12.30	6.20	7.10	4.50	5.30	5.90	8.60	8.70
21	1.20	7.70	8.50	11.90	11.50	7.10	6.60	7.20	6.40	6.80	8.40	6.40
22	1.00	7.60	8.50	13.10	12.20	5.50	4.10	8.20	6.30	7.10	8.20	6.80
23	5.50	4.30	7.90	13.20	12.30	7.70	6.50	5.50	7.50	7.90	8.40	6.40
24	3.80	2.80	5.10	13.80	14.80	6.80	7.00	4.80	3.00	8.00	6.80	2.80
25	3.20	4.30	4.80	12.50	14.50	4.70	6.90	5.90	1.70	6.80	6.80	2.40
26	3.70	4.00	3.90	12.50	15.10	7.70	5.70	5.20	1.50	6.90	5.90	2.50
27	5.70	5.80	6.30	13.70	11.90	6.50	6.50	5.50	2.00	5.60	6.40	7.50
28	6.40	7.70	11.40	13.50	11.50	4.10	6.30	3.50	4.80	4.70	7.90	6.80
29	3.00	7.20	11.40	13.50	------	5.10	6.30	3.50	2.50	3.00	6.70	8.10
30	5.50	8.90	10.30	16.20	------	5.60	6.90	5.20	2.40	7.00	7.20	7.60
31	5.60	------	6.00	16.00	------	6.40	------	6.80	------	5.30	7.00	------
MAX	7.4	8.9	11.4	18.1	15.8	11.6	18.8	8.2	9.1	8.0	9.3	10.4
MIN	1.0	2.0	2.0	9.2	9.5	4.1	4.1	2.1	1.5	1.2	2.0	2.4

CAL YR 1973 MAX 31.4 MIN 1.0
WTR YR 1974 MAX 18.8 MIN 1.0

GAGE HEIGHT, IN FEET, AT 0700. WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.70	3.70	6.80	15.00	11.50	10.30	22.80	19.30	17.30	4.60	5.90	4.00
2	1.50	6.10	6.30	15.60	16.70	9.40	31.40	14.80	15.10	4.00	7.40	4.20
3	6.30	5.30	2.20	15.00	17.60	8.80	30.50	12.30	12.30	6.50	5.30	2.20
4	8.00	5.00	1.90	14.30	16.90	6.40	25.60	10.60	9.10	3.00	5.20	1.40
5	8.00	1.80	7.00	13.00	16.10	5.30	20.70	9.00	8.50	4.20	4.00	5.90
6	8.60	1.80	6.40	12.10	14.50	8.20	15.90	9.00	9.30	6.80	7.50	7.40
7	8.20	1.10	6.90	12.90	12.80	8.30	12.60	4.10	10.60	9.30	5.20	6.90
8	4.20	2.10	9.30	14.50	12.40	8.40	18.50	8.30	12.20	7.10	6.40	8.50
9	2.40	1.20	9.50	18.20	12.40	8.60	24.80	14.00	14.10	9.40	5.80	8.60
10	5.30	1.20	5.90	18.00	13.00	9.00	25.80	22.90	15.20	7.20	6.40	7.60
11	6.30	3.40	4.10	16.90	14.00	5.10	21.90	25.10	11.80	8.90	5.00	8.00
12	6.20	3.50	6.40	15.90	13.90	1.40	20.10	16.40	9.50	7.70	7.90	8.80
13	5.60	3.00	4.40		13.50	13.50	15.70	13.80	9.70	8.30	3.00	8.40
14	7.80	2.30	8.10	11.90	13.00	17.30	12.00	8.90	9.70	8.80	7.90	8.00
15	7.60	4.20	5.80	11.70	13.70	17.60	11.60	8.40	11.20	7.80	7.40	7.50
16	4.70	5.30	12.40	11.60	13.90	14.30	11.50	8.50	10.00	4.40	7.50	8.80
17	7.80	5.50	12.60	11.20	14.00	15.80	11.30	7.90	9.80	8.70	6.60	8.10
18	6.60	4.90	12.20	11.00	13.70	18.10	11.30	7.90	5.90	8.00	8.10	7.80
19	5.60	3.50	12.70	11.00	9.80	16.30	10.80	8.50	7.40	9.40	7.70	8.30
20	5.60	1.90	12.20	12.00	11.40	15.30	11.00	9.00	9.70	9.00	7.50	4.20
21		4.90	10.80	11.10	11.70	15.30	10.70	10.00	9.50	8.60	7.60	4.60
22		6.10	17.80	12.30	11.30	14.10	6.80	12.20	9.90	8.60	6.90	4.90
23		5.40	20.70	15.70	10.80	14.60	4.70	14.70	10.00	6.50	5.40	4.50
24	5.60	6.00	20.90	14.10	11.30	13.30	9.90	14.30	8.90	8.00	5.20	4.90
25	3.90	3.80	17.00	14.60	11.00	13.20	11.00	12.00	6.90	9.20	3.20	4.90
26	3.60	4.40	13.50	12.20	10.90	15.70	18.80	12.60	6.90	9.20	4.00	4.40
27	3.10	5.80	12.30	13.00	10.60	15.30	23.60	11.60	8.00	9.20	4.40	4.60
28	7.80	4.60	10.90		10.00	13.10	25.90	11.20	6.80	7.80	4.90	4.40
29	5.70	6.70	11.60	13.30	------	12.90	25.70	14.70	8.00	7.70	4.90	6.30
30	1.80	6.20	11.00	12.40	------	12.50	22.70	21.00	6.80	4.90	8.60	5.80
31	3.40	------	10.00	11.90	------	14.80	------	22.10	------	7.60	7.70	------
MAX	8.6	6.7	20.9	18.2	17.6	18.1	31.4	25.1	17.3	9.4	8.6	8.8
MIN	1.5	1.1	1.9	11.0	9.8	1.4	4.7	4.1	5.9	3.0	3.0	1.4

WTR YR 1973 MAX 31.4 MIN 1.1

MOBILE RIVER MAIN STEM

02419988 (NWS 01-5550-06) Alabama River at Montgomery, Ala.

LOCATION.--Lat 32°23'31", long 86°19'04", in SW¼ sec.1, T. 16 N., R. 18 E., Montgomery County, on left bank of river in an abandoned pumping station of the Riverview Manufacturing Co. at 715 Shady St., in Montgomery, 9.3 mi (15.0 km) upstream from U.S. Highway 31 bridge.

DRAINAGE AREA.--15,000 mi^2, approximately (39,000 km^2, approximately).

PERIOD OF RECORD.--December 1890 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. 1900 to December 1971 in reports of National Weather Service.

GAGE.--Nonrecording gage. Datum of gage is 103.30 ft (31.486 m) above mean sea level. Prior to July 1, 1970, located 0.4 mi (0.6 km) downstream on left bank at foot of Commerce Street at same datum.

EXTREMES.--Maximum and minimum gage heights (at 0700) for the water years 1972-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage Height (feet)	Minimum Gage Height (metres)
1972	Jan. 12, 1972	42.4	12.92	Oct. 18, 1971	-0.9	-0.27
1973	Apr. 3, 1973	39.6	12.07	July 1, 1973	20.2	6.16
1974	Jan. 2, 1974	33.7	10.27	Nov. 16, 1973 and May 7, 8, 9, 1974	20.9	6.37
1975	Mar. 20, 1975	38.4	11.70	Aug. 25, 1975	19.9	6.07

Period of record: Maximum, 58.1 ft (17.71 m) Feb. 26, 1961, from floodmarks; minimum, -4.0 ft (-1.22 m) Sept. 22, 1925.

REMARKS.--Flow affected by operation of reservoirs on Etowah, Coosa, and Tallapoosa Rivers. (See p. 173-175.) Stage regulated by Jones Bluff lock and dam since January 1972.

COOPERATION.--Records furnished by National Weather Service.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.20	22.20		25.80	25.80	25.10	29.30	23.80	23.50	22.80	23.60	21.10
2	22.30	22.50	22.50	26.50	25.60	24.70	28.70	23.00	22.40	22.70	23.10	21.10
3	22.00	22.70	22.50	25.70	24.90	24.00	32.20	22.60	23.50	22.70	23.50	21.70
4	22.40	22.30	22.30	25.60	25.10	23.30	35.80	22.30	23.10	22.20	22.60	22.40
5	22.60	22.40	22.30	25.70	29.60	22.60	35.20	22.30	23.00	21.70	23.30	22.60
6	22.80	22.30	22.70	22.80	32.00	22.40	33.50	23.10	22.90	21.70	23.60	22.40
7	22.50	22.50	22.40	23.30	32.20	23.00	30.00	22.90	22.30	26.80	24.50	21.20
8	22.80	22.60	22.00	24.00	30.40	23.00	27.50	24.10	22.30	25.30	23.80	22.10
9	22.30	22.80	22.30	27.30	28.40	23.00	26.30	24.70	21.70	25.00	23.80	22.80
10	22.40	22.40	22.20	27.90	27.70	23.00	25.90	23.70	22.90	24.50	23.40	22.90
11	22.30	22.30	22.10		27.20	23.00	26.50	23.50	22.60	23.30	24.40	22.30
12	22.50	22.40	22.10		25.60	23.00	26.10	22.10	23.40		26.80	22.10
13	22.30	23.10	22.20		25.80	23.00	23.90	22.60	24.20		26.20	22.30
14	21.70	22.60	22.30	29.80	26.00	29.10	24.10	23.00	25.10	22.80	24.90	21.50
15	22.40	22.50	21.40	28.50	23.00	32.20	32.40	22.60	24.00	22.00	23.70	20.70
16	22.90	22.80	21.80	27.80	24.30	33.00	33.40	23.50	23.10	21.90	23.20	21.50
17	22.40	22.90	22.20	25.80	27.50	34.00	33.10	25.00	22.80	21.80	22.50	22.10
18	22.30	22.50	22.70	24.60	33.70	34.40	31.10	25.60	23.10	22.00	23.40	22.20
19	22.60	22.70	22.00	23.30	35.70	37.00	27.90	25.00	23.00	22.30	22.90	22.10
20	22.40	22.70	21.80	23.00	36.00	38.40	24.40	24.10	22.20	22.30	22.60	22.30
21	22.50	22.60	22.10	23.70	33.60	38.40	23.10	23.90	22.80	21.20	22.30	22.20
22	22.50	23.00	22.30	23.50	30.30	37.10	23.10	23.80	23.30	21.80	22.50	21.80
23	22.50	23.00	21.70	22.80	28.30	33.80	23.40	23.10	22.00	23.20	22.20	22.10
24	23.00	22.50	22.40	23.10	27.00	30.30	23.40	23.20	21.20	22.80	21.20	30.90
25	22.20	22.40	28.40	23.70	27.80	31.00	22.30	22.80	22.50	22.90	19.90	34.30
26	22.60	22.80	29.10	29.10	27.00	31.20	22.00	21.70	22.50	23.70	21.20	33.90
27	22.50	23.20	28.50	31.00	26.20	30.80	22.90	22.70	22.40	23.30	22.20	31.60
28	22.30	22.80	26.80	30.40	25.60	29.90	22.50	21.70	22.40	23.00	22.80	28.90
29	22.60		25.50	29.20	------	28.30	23.40	21.90	22.10	23.10	21.80	26.60
30	22.20		24.90	26.70	------	27.70	23.20	22.00	21.70	22.60	21.50	25.00
31	22.50	------	25.50	26.40	------	28.90	------	22.20	------	22.70	21.40	------
MAX	23.00	23.20	29.10	-	36.00	38.40	35.80	25.60	25.10	26.80	26.80	34.30
MIN	21.70	22.20	21.40	22.80	23.00	22.40	22.00	21.70	21.20	21.20	19.90	20.70

CAL YR 1974 MAX 33.7 MIN 20.9
WTR YR 1975 MAX 38.4 MIN 19.9

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02419988 (NWS 01-5550-06) Alabama River at Montgomery, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.90	21.90	24.20	30.90	28.10	25.20	22.20	22.00	21.40	22.00	22.60	22.60
2	21.60	21.70	23.40	33.70	27.30	24.90	24.00	21.40	21.50	22.00	22.50	22.50
3	21.50	21.80	22.80	32.00	26.40	23.30	26.40	21.30	21.50	22.10	22.10	22.80
4	22.30	21.50	22.80	30.50	26.10	22.40	26.10	21.40	21.50	22.10	22.30	22.40
5	22.10	21.60	23.30	29.20	25.50	22.50	30.70	20.90	21.50	22.10	22.30	22.70
6	21.60	21.80	23.30	27.90	25.00	23.10	32.30	21.00	21.60	22.10	22.20	21.90
7	21.60	22.10	23.60	27.20	25.90	23.30	31.10	20.90	21.60	22.20	22.80	22.80
8		21.60	23.50	27.20	27.20	22.70	29.20	20.90	21.60	22.20	22.40	23.50
9		21.70	23.00	26.70	28.50	22.60	29.10	20.90	21.60	22.20	23.00	22.60
10	21.80	21.70	21.90	28.10	27.80	22.40	28.10	21.00	21.70	22.20	23.30	23.70
11	21.90	22.00	22.60	27.60	27.10	22.10	27.60	21.20	21.70	22.10	22.90	24.10
12	21.80	21.90	22.80	28.90	26.80	22.50	27.70	21.20	21.70	22.20	22.30	23.50
13	21.50	22.00	22.60	29.10	26.00	22.70	27.80	21.20	21.70	22.20	22.60	23.70
14	21.50	21.70	22.30	28.80	25.30	22.10	29.30	21.30	21.70	22.30	22.70	23.80
15	21.70	21.40	22.00	27.60	24.90	21.90	28.70	21.30	21.80	22.30	22.80	23.30
16	21.60	20.90	21.90	26.60	28.20	21.70	27.30	21.00	21.80	22.30	23.00	22.30
17	21.20	21.60	22.20	25.90	28.90	21.40	25.90	21.10	21.80	22.40	23.20	22.80
18	21.30	22.00	22.20	25.40	27.80	21.60	25.20	21.50	21.90	22.30	22.80	22.60
19	21.90	21.70	22.20	25.60	27.30	21.50	23.70	21.30	21.90	22.40	22.40	21.90
20	21.70	21.60	22.20	25.00	27.70	21.70	23.20	21.40	21.90	22.40	22.60	22.60
21	21.90	22.30	22.70	26.50	27.40	21.40	21.10	21.60	21.90	22.40	22.80	22.50
22	21.30	21.90	22.90	26.90	27.40	22.10	21.50	21.40	21.90	22.50	22.40	23.30
23	21.60	21.40	22.00	26.20	29.40	22.10	22.50	21.20	21.90	22.50	22.90	22.10
24	21.80	21.40	21.20	25.90	28.40	21.60	21.80	21.50	21.90	22.50	22.50	22.20
25	21.50	21.60	21.30	26.00	28.10	21.50	21.50	21.40	21.90	22.50	22.40	22.10
26	21.70	21.40	22.40	26.00	27.10	21.70	21.30	21.00	21.90	22.50	22.40	21.90
27	21.40	21.70	24.30	26.60	25.70	21.60	21.30	21.90	21.90	22.50	22.90	23.50
28	21.70	22.40	26.40	26.50	25.80	21.10	21.00	23.00	22.00	22.60	22.90	23.00
29	21.70	24.30	26.60	27.10	------	21.80	21.10	21.70	22.00	22.70	22.30	23.10
30	22.20	24.00	26.30	28.30	------	23.00	21.90	21.40	22.00	22.60	22.60	22.60
31	22.10	------	25.60	28.20	------	23.80	------	21.40	------	22.60	22.70	------
MAX	22.20	24.30	26.60	33.70	29.40	25.20	32.30	23.00	22.00	22.70	23.30	24.10
MIN	21.20	20.90	21.20	25.00	24.90	21.10	21.00	20.90	21.40	22.00	22.10	21.90

CAL YR 1973 MAX 39.6 MIN 20.2
WTR YR 1974 MAX 33.7 MIN 20.9

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.40	21.30	21.70	26.80	24.10	22.70	35.60	32.80	31.10	20.20	21.70	22.10
2	21.20	21.50	21.70	28.60	26.00	22.10	38.60	30.30	28.70	20.70	20.90	21.20
3	21.20	21.50	21.80	27.70	27.70	22.20	39.60	27.70	26.60	21.30	21.10	21.00
4	21.60	21.60	21.30	27.60	27.10	22.20	38.50	25.80	24.20	21.20	20.70	21.10
5	21.50	21.40	21.70	26.90	25.60	22.10	33.50	24.50	23.90	20.70	20.70	21.80
6	21.80	21.40	22.00	26.70	25.10	22.40	28.10	22.60	23.70	21.60	20.50	22.00
7	21.90	21.80	22.30	27.70	24.70	23.20	27.10	22.20	24.30	21.70	21.00	21.90
8	21.50	21.30	22.60	30.10	24.40	24.10	32.00	23.60	25.40	21.80	21.40	21.70
9	21.30	21.80	22.30	34.00	24.60	23.40		29.80	26.20	21.20	20.80	21.70
10	21.70	21.70	22.20	33.80	25.20	24.00		31.70	26.30	21.20	20.70	21.60
11	21.70	21.90	21.80	32.00	25.90	23.30	32.70	31.80	24.90	21.80	21.70	22.10
12	21.60	21.70	22.10	30.70	24.70	25.40	30.70	29.60	24.10	21.70	21.40	21.70
13	21.50	21.50	22.60	28.80	24.90	28.30	28.40	28.20	24.00	21.60	21.70	22.00
14	21.60	21.90	22.20	26.90	24.80	29.00	27.10	26.10	24.70	21.70	22.30	21.60
15	21.80	21.60	24.10	25.60	25.60	28.80	24.50	24.60	24.30	21.60	22.10	21.50
16	21.50	21.50	28.50	24.90	26.10	27.50	23.80	23.40	23.80	21.30	21.60	21.70
17	21.70	21.80	29.90	23.80	26.10	31.40	23.60	22.20	23.30	21.40	21.20	21.50
18	21.50	21.80	28.20	22.60	25.40	34.00	23.70	22.60	21.90	22.10	21.50	21.50
19	21.40	21.40	26.60	22.50	23.10	32.80	24.10	22.20	22.30	21.80	21.60	21.50
20	21.80	21.60	25.70	24.80	23.40	31.10	23.80	23.00	21.90	22.20	21.40	21.40
21	21.90	21.70	25.70	25.10	23.50	30.90	22.90	25.90	21.80	21.70	21.70	21.60
22	21.50	22.20	29.30	25.10	23.20	30.80	21.40	27.30	22.50	20.70	21.30	21.70
23	21.60	21.90	30.70	29.00	23.00	29.80	21.70	26.70	22.80	21.60	21.20	21.60
24	21.50	21.30	30.60	28.80	22.70	28.30	22.30	26.20	22.20	21.80	21.40	21.70
25	21.80	21.70	29.40	27.60	22.20	27.50	24.40	26.10	21.40	22.10	21.60	21.40
26	21.70	22.00	26.80	26.40	22.00	30.20	30.10	24.50	21.80	21.80	22.00	21.80
27	21.70	21.90	25.90	26.80	22.60	29.60	34.50	23.90	21.90	21.60	21.80	21.90
28	21.60	21.90	24.90	26.80	22.50	28.60	36.50	25.20	21.40	21.00	22.20	21.90
29	21.70	21.50	24.00	26.30	------	26.60	36.30	30.10	20.60	21.00	22.30	21.60
30	21.40	21.80	23.80	24.70	------	25.60	34.80	32.00	21.30	20.80	22.40	21.50
31	21.50	------	23.80	24.40	------	27.20	------	32.70	------	21.80	21.80	------
MAX	21.90	22.20	30.70	34.00	27.70	34.00	39.60	32.80	31.10	22.20	22.40	22.10
MIN	21.20	21.30	21.30	22.50	22.00	22.10	21.40	22.20	20.60	20.20	20.50	21.00

CAL YR 1972 MAX 42.4 MIN 9.9
WTR YR 1973 MAX 39.6 MIN 20.2

02419988 (NWS 01-5550-06) Alabama River at Montgomery, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.60	2.40	7.10	12.30	26.50	22.20	23.10	20.70	21.20	21.60	21.50	21.50
2	5.50	5.10	7.40	9.90	26.40	26.90	21.90	20.90	21.40	21.60	21.40	21.20
3	4.50	6.80	10.70	13.70	25.30	23.80	20.70	21.60	21.60	21.60	21.50	21.00
4	2.90	5.70	14.50	14.90	26.00	34.70	21.60	20.90	21.50	21.90	21.70	21.50
5	6.40	6.80	12.70	27.40	26.30	32.60	21.50	21.40	21.30	21.70	21.60	21.30
6	6.40	4.80	8.30	31.60	25.90	29.30	21.40	21.20	21.90	21.10	21.60	21.60
7	4.00	2.90	14.00	30.00	26.10	26.90	21.50	21.60	21.60	21.30	21.80	21.30
8	1.30	2.50	24.10	27.20	27.50	24.80	21.90	21.20	21.70	21.30	21.70	21.60
9	1.80	3.70	21.30	27.80	27.80	26.10	20.80	21.70	21.40	21.50	21.40	21.50
10	1.60	8.40	18.00	30.10	26.00	25.70	22.30	21.70	21.50	21.40	21.70	21.60
11	1.10	4.80	16.20	38.70	24.80	25.20	21.70	21.50	21.50	21.50	21.60	21.30
12	.00	5.30	13.40	42.40	23.40	23.00	22.20	21.70	21.30	21.10	21.40	21.40
13	1.90	7.20	9.00	40.30	23.30	21.90	21.50	21.50	21.40	21.80	21.70	21.70
14	1.30	4.80	9.60	37.60	22.90	21.70	21.50	24.70	21.40	21.60	21.30	21.90
15	3.90	3.70	8.50	35.10	25.10	24.00	22.60	27.00	21.60	21.50	21.30	22.00
16	2.70	6.80	8.80	31.90	24.60	21.40	22.70	27.10	21.30	21.50	21.60	22.00
17	1.30	5.30	11.40	31.90	23.00	22.40	20.00	26.00	21.60	21.40	21.40	21.70
18	-.90	5.90	12.30	31.40	24.20	22.60	21.80	26.00	21.30	21.60	21.70	21.50
19	1.80	4.10	13.10	30.40	24.50	21.80	21.70	25.60	21.20	21.50	21.50	21.70
20	.90	4.30	11.30	29.90	24.10	21.10	21.80	24.60	21.30	21.50	21.40	22.20
21	3.20	3.20	13.20	29.50	22.70	21.50	21.70	22.80	21.50	21.60	21.60	22.10
22	4.10	2.90	15.30	28.50	23.70	21.50	22.80	21.70	21.20	21.70	21.40	22.10
23	3.10	4.30	16.60	28.30	23.30	22.90	21.70	21.50	21.50	21.30	21.10	22.00
24	1.00	7.10	15.10	27.40	23.10	23.00	21.20	21.30	21.20	21.40	21.40	21.70
25	.00	7.30	13.60	26.60	22.20	23.80	21.30	21.70	21.40	21.60	21.60	21.50
26	.40	6.50	10.80	27.10	22.60	22.70	20.40	21.70	21.40	21.40	21.60	22.00
27	3.00	5.10	9.60	25.60	22.90	21.20	20.50	21.70	21.60	21.40	21.50	21.90
28	3.40	4.80	10.40	24.90	21.40	21.70	20.60	21.20	21.80	21.40	21.50	21.80
29	4.60	3.40	11.30	24.00	22.10	22.10	20.70	21.40	22.20	21.50	21.60	22.10
30	1.80	5.50	11.40	24.60	------	23.00	21.00	21.20	21.90	21.40	21.30	21.70
31	.30	------	12.30	26.00	------	23.30	------	21.40	------	21.30	21.20	------
MAX	6.40	8.40	24.10	42.40	27.80	34.70	23.10	27.10	22.20	21.90	21.80	22.20
MIN	-.90	2.40	7.10	9.90	21.40	21.10	20.00	20.70	21.20	21.10	21.10	21.00

CAL YR 1971 MAX 44.4 MIN -0.9
WTR YR 1972 MAX 42.4 MIN -0.9

MOBILE RIVER MAIN STEM

02420000 Alabama River near Montgomery, Ala.

LOCATION.--Lat 31°24'41", long 86°24'30", in NW¼ sec. 31, T. 17 N., R. 17 E., Montgomery County, in pier of bridge near midstream on U.S. Highway 31, 4 mi (6 km) upstream from Autauga Creek, 6 mi (10 km) northwest of Montgomery, and at mile 287.6 (462.7 km).

DRAINAGE AREA.--15,100 mi^2, approximately (39,100 km^2, approximately).

PERIOD OF RECORD.--January 1899 to December 1904 (gage heights only). October 1927 to current year. Published as "at Montgomery" 1899-1903.

GAGE.--Water-stage recorder. Datum of gage is 97.90 ft (29.840 m) above mean sea level. January 1899 to December 1903, nonrecording gage at site 9.3 mi (15.0 km) upstream at different datum. (See sta 02419988.) Since Mar. 27, 1951, National Weather Service nonrecording gage, sta 02419988, used as an auxiliary gage.

AVERAGE DISCHARGE.--48 years, 23,740 ft^3/s (672.3 m^3/s), 21.35 in/yr (542 mm/yr).

EXTREMES.--Maximum daily discharge, maximum gage height, and minimum daily discharge for the water years 1972-75 are contained in the following table:

Water year	Maximum daily discharge Date	(cfs)	(cu m/s)	Maximum gage height Date	(feet)	(metres)	Minimum daily discharge Date	(cfs)	(cu m/s)
1972	Jan. 11, 1972	195,000	5,520	Jan. 12, 1972	44.17	13.463	June 18, July 30, 1972	375	10.6
1973	Apr. 1, 1973	133,000	3,770	Apr. 2, 1973	42.33	12.902	Oct. 1, 1972	308	8.72
1974	Jan. 1, 1974	111,000	3,140	Jan. 2, 1974	42.29	12.890	Dec. 24, 1973	562	15.9
1975	Apr. 3, 1975	154,000	4,360	---	---	---	June 8, 1975	255	7.22

Period of record: Maximum discharge, 283,000 ft^3/s (8,010 m^3/s) Feb. 26, 1961; maximum gage height, 60.65 ft (18.486 m) Feb. 27, 1961; minimum discharge, 2,180 ft^3/s (61.7 m^3/s) Nov. 24, 1941; minimum daily discharge, 2,420 ft^3/s (68.5 m^3/s) Nov. 24, 1941; minimum gage height, -2.2 ft (-0.67 m) Sept. 26, 1954.

Maximum stage since 1833, 62.7 ft (19.11 m) Apr. 1, 1886, from floodmarks (discharge, 322,000 ft^3/s (9,120 m^3/s) from rating curve extended above 276,000 ft^3/s (7,820 m^3/s)). Flood of Mar. 30, 1888, reached a stage of 60.6 ft (18.47 m) from floodmarks (discharge, 283,000 ft^3/s (8,010 m^3/s), from rating curve extended above 276,000 ft^3/s (7,820 m^3/s)). Elevations of floodmarks of both floods referred to National Weather Service gage 9.3 mi (15.0 m) upstream and transferred to present site by gage-height relation curve.

REMARKS.--Records poor. Flow regulated by reservoirs on Etowah, Coosa, and Tallapoosa Rivers. (See reservoirs in Mobile River basin). Since January 1972, gage in pool at Jones Bluff lock and dam. Discharge computed (or estimated) by combining flow of Tallapoosa River at Tallassee (sta 02418500) and Coosa River at Jordan Dam near Wetumpka (sta 02411000) and adjusting for inflow.

REVISIONS(WATER YEARS).--WSP 1142: 1929.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,300	14,000	18,000	59,500	51,800	54,000	70,300	24,400	16,900	23,200	23,800	11,100
2	6,770	2,510	21,700	53,300	45,800	50,800	91,100	16,100	21,900	21,400	20,700	16,000
3	5,380	585	21,500	52,300	39,500	47,700	154,000	5,500	22,600	16,800	14,700	19,800
4	6,140	10,700	23,200	51,400	87,700	41,800	88,800	6,330	22,100	4,540	20,800	19,800
5	6,680	12,900	23,400	28,400	106,000	39,900	66,000	19,600	19,900	958	27,600	19,600
6	762	13,600	28,500	28,700	86,700	33,100	59,900	25,400	16,700	5,860	35,400	5,070
7	7,100	11,800	19,500	29,900	74,700	31,200	55,200	26,000	10,400	52,900	28,000	7,700
8	6,230	11,100	16,000	40,800	66,500	29,000	50,000	41,000	255	61,700	28,900	18,200
9	7,510	2,000	19,900	54,200	60,300	25,900	48,000	30,700	18,900	40,900	26,900	25,100
10	8,400	651	20,000	55,500	76,700	26,700	60,200	28,300	19,100	40,300	34,000	17,500
11	8,700	9,700	19,700	68,200	53,600	31,500	51,700	9,820	23,200	29,800	55,700	20,100
12	1,270	13,300	20,700	65,700	54,800	34,500	35,900	17,600	42,100	26,900	54,800	25,300
13	930	16,100	20,600	63,900	55,500	51,200	32,400	24,200	41,700	14,300	38,300	20,100
14	7,180	17,800	11,300	59,400	40,900	95,600	92,000	19,800	32,500	19,800	31,100	585
15	9,650	15,700	3,250	51,200	46,200	94,200	92,600	27,200	24,700	14,000	28,600	19,900
16	5,760	4,860	19,900	49,600	62,900	98,100	60,700	35,500	20,200	12,200	24,400	16,100
17	3,930	585	23,400	41,700	84,600	102,000	48,500	40,500	21,000	14,100	22,800	19,600
18	5,520	11,000	19,100	31,300	63,700	108,000	44,100	32,800	21,600	16,500	26,200	20,100
19	5,100	6,990	22,200	18,500	73,500	119,000	35,200	30,500	14,400	14,500	23,300	20,700
20	585	13,800	19,400	35,100	67,500	106,000	25,400	29,600	18,900	3,180	21,700	19,800
21	14,500	15,100	7,730	30,800	62,200	85,600	25,300	31,200	20,600	19,100	19,800	14,800
22	5,090	18,200	4,740	27,300	62,800	76,000	24,800	27,000	5,400	27,700	16,000	20,000
23	7,400	13,300	10,800	28,800	57,900	67,400	28,500	26,200	10,400	25,100	8,320	83,700
24	22,800	3,290	64,200	29,000	71,900	81,300	23,300	23,500	9,240	25,900	6,290	108,000
25	10,200	15,600	64,000	68,600	62,200	86,600	23,000	12,400	13,500	26,500	19,500	86,400
26	585	19,300	66,500	85,500	60,300	74,500	14,900	16,900	14,100	26,000	22,700	74,700
27	619	17,600	102,000	57,700	57,000	66,200	12,100	19,200	15,100	21,100	19,100	63,900
28	8,150	1,370	49,400	69,700	55,900	63,400	24,600	9,700	6,000	23,100	13,400	48,900
29	9,340	15,700	41,000	55,400	------	63,800	25,400	7,270	309	25,600	7,410	42,500
30	11,700	11,400	49,400	55,900	------	72,000	23,800	18,100	19,700	21,900	5,650	28,900
31	9,380	------	53,800	52,300	------	77,400	------	28,600	------	26,700	2,330	------
TOTAL	205,661	320,541	904,820	1,499.6M	1,789.1M	2,034.4M	1,487.7M	710,920	543,404	702,538	728,200	913,955
MEAN	6,634	10,680	29,190	48,370	63,900	65,630	49,590	22,930	18,110	22,660	23,490	30,470
MAX	22,800	19,300	102,000	85,500	106,000	119,000	154,000	41,000	42,100	61,700	55,700	108,000
MIN	585	585	3,250	18,500	39,500	25,900	12,100	5,500	255	958	2,330	585

CAL YR 1974 TOTAL 8,902,490 MEAN 24,390 MAX 111,000 MIN 585 CFSM 1.62 IN 21.93
WTR YR 1975 TOTAL 11,840,839 MEAN 32,440 MAX 154,000 MIN 255 CFSM 2.15 IN 29.17

02420000 Alabama River near Montgomery, Ala.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13,200	12,900	32,900	111,000	54,200	43,100	30,100	23,000	17,100	3,990	13,000	5,500
2	12,300	13,700	29,200	78,300	52,600	33,600	51,000	17,900	14,800	8,600	6,230	13,800
3	19,400	12,700	32,500	69,300	51,800	26,300	48,100	19,500	18,900	8,670	2,500	16,100
4	20,700	4,330	31,200	67,400	51,400	24,800	73,500	961	16,300	585	1,050	16,500
5	16,500	16,600	30,000	60,900	47,800	29,600	92,900	1,280	19,900	8,470	4,560	7,990
6	10,400	18,300	31,300	58,100	47,000	30,700	74,000	10,100	23,600	6,500	6,740	14,700
7	2,600	18,200	30,000	61,300	61,100	28,500	66,500	9,910	21,100	1,830	5,800	23,900
8	10,800	11,600	23,100	65,300	66,200	27,400	72,300	4,200	16,200	11,000	19,400	8,700
9	15,100	10,400	10,600	67,500	58,500	23,000	66,300	13,700	5,790	10,500	29,300	28,800
10	14,300	8,400	26,100	64,600	56,000	8,910	66,300	18,000	20,100	23,700	20,500	29,400
11	13,100	6,050	27,900	75,600	52,500	25,100	66,800	6,390	12,500	21,800	4,030	27,300
12	9,290	13,700	26,400	75,600	52,800	26,700	68,200	5,310	12,900	17,100	17,800	28,300
13	7,610	12,700	24,600	72,700	47,200	21,500	83,200	19,400	16,900	4,990	20,400	28,700
14	1,090	8,680	20,000	64,200	35,900	25,100	68,700	12,100	10,500	2,580	20,400	19,200
15	6,370	17,700	8,710	58,100	72,600	12,800	59,100	13,100	12,300	10,600	24,100	9,560
16	10,200	16,000	11,700	55,600	74,800	1,090	52,100	20,800	5,210	11,300	16,800	18,100
17	3,550	8,900	23,400	49,300	65,100	3,740	44,300	25,100	14,100	13,900	15,200	18,200
18	10,000	3,090	21,300	51,900	63,900	11,300	45,000	14,800	7,510	18,200	14,200	9,010
19	10,200	12,800	22,900	44,100	65,800	14,100	34,900	10,800	14,800	10,300	17,500	11,200
20	4,590	14,900	23,600	46,100	62,200	11,400	20,300	26,300	21,200	7,670	14,500	13,200
21	3,580	20,900	27,000	48,100	60,800	19,600	14,600	17,900	18,100	11,200	12,700	18,200
22	12,400	1,260	12,400	41,600	73,800	20,300	25,500	11,800	18,400	14,700	18,400	4,140
23	15,200	5,010	3,400	44,200	63,200	17,400	21,100	21,700	652	5,620	15,200	1,470
24	14,300	4,440	562	46,600	61,900	585	23,700	17,800	585	6,890	11,900	3,910
25	14,400	1,340	7,720	49,400	57,200	20,800	18,900	5,630	6,360	5,350	5,910	8,610
26	14,600	15,900	35,200	53,900	49,100	20,300	20,500	12,000	6,960	5,750	22,700	5,960
27	10,600	16,300	58,400	53,900	49,700	15,500	11,800	33,000	8,420	4,140	18,300	2,710
28	928	38,900	58,200	58,400	49,700	18,600	4,620	25,400	8,320	2,170	14,300	2,190
29	22,500	40,900	53,300	62,800	------	22,700	26,400	21,000	7,900	19,800	11,900	1,070
30	18,100	35,600	50,700	57,600	------	24,400	24,000	29,000	685	865	7,450	6,210
31	19,300	------	90,300	57,000	------	24,600	------	22,900	------	16,000	8,980	------
TOTAL	357,208	422,200	884,592	1,870.4M	1,604.8M	633,525	1,374.7M	490,781	378,092	294,770	421,750	402,630
MEAN	11,520	14,070	28,540	60,340	57,310	20,440	45,820	15,830	12,600	9,509	13,600	13,420
MAX	22,500	40,900	90,300	111,000	74,800	43,100	92,900	33,000	23,600	23,700	29,300	29,400
MIN	928	1,260	562	41,600	35,900	585	4,620	961	585	585	1,050	1,070

CAL YR 1973 TOTAL 11,887,144 MEAN 32,570 MAX 133,000 MIN 562 CFSM 2.16 IN 29.28
WTR YR 1974 TOTAL 9,135,468 MEAN 25,030 MAX 111,000 MIN 562 CFSM 1.66 IN 22.51

02420000 Alabama River near Montgomery, Ala.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	308	12,300	17,000	70,000	41,900	19,200	133,000	67,600	66,800	3,890	12,700	583
2	1,120	11,000	11,400	58,700	51,000	19,700	103,000	57,600	57,500	17,000	12,200	594
3	5,790	5,990	2,870	60,900	46,500	13,300	74,600	48,300	39,100	19,500	7,420	616
4	14,700	5,230	13,100	56,900	35,500	14,700	64,300	43,400	43,600	4,330	3,250	19,800
5	12,300	1,490	17,500	56,700	38,500	24,800	51,300	23,100	40,500	19,800	1,140	17,400
6	7,520	8,340	21,100	66,200	42,000	29,500	53,200	12,700	39,900	17,700	12,400	16,000
7	2,480	10,300	24,200	81,600	39,100	30,700	96,200	29,000	44,300	13,900	19,800	15,200
8	375	7,900	23,100	121,000	36,700	35,300	120,000	90,700	61,400	5,750	15,800	15,400
9	6,470	12,100	19,700	89,300	37,500	30,200	87,700	102,000	54,300	17,800	10,100	7,480
10	6,280	10,300	7,550	77,600	44,200	30,100	82,700	70,600	39,400	21,300	6,380	17,400
11	7,630	13,400	22,500	74,100	33,300	38,600	64,300	62,400	39,100	22,400	10,300	10,400
12	8,510	583	24,300	64,300	36,700	64,800	59,000	54,000	38,300	20,500	583	14,100
13	7,890	16,100	25,000	57,100	36,400	59,500	52,900	51,100	51,900	21,100	19,500	4,430
14	10,100	17,500	27,500	46,100	40,500	60,100	38,600	44,500	39,200	14,900	16,100	7,070
15	583	15,900	68,900	46,000	44,500	55,500	35,400	31,600	40,800	6,020	16,300	13,300
16	11,300	20,600	80,700	37,300	43,400	83,700	31,500	25,800	37,400	19,600	8,130	1,590
17	8,440	19,800	65,700	26,500	42,000	117,000	33,500	26,000	16,400	25,500	7,060	10,800
18	8,230	9,480	53,300	25,200	24,100	84,400	33,500	24,600	30,000	23,300	8,510	1,230
19	6,180	2,230	50,000	41,000	33,500	78,000	36,500	25,800	19,500	28,200	5,070	4,240
20	8,220	24,500	46,400	43,700	33,600	78,700	25,100	54,100	22,800	22,100	17,000	8,980
21	4,080	21,600	72,100	39,100	29,700	75,500	12,000	66,200	26,700	20,600	2,370	11,600
22	1,670	20,500	70,700	79,500	28,900	73,700	4,720	62,700	29,500	14,800	5,940	10,700
23	7,860	12,800	63,800	66,300	28,900	66,600	26,000	54,100	20,500	26,600	8,390	8,820
24	9,300	18,800	57,900	57,900	21,300	59,200	32,500	53,300	14,000	23,500	9,390	12,700
25	4,350	18,400	46,400	51,500	11,500	81,700	75,000	40,300	22,700	22,500	12,100	12,100
26	5,850	12,100	51,000	56,200	27,200	69,400	95,200	36,500	23,000	20,300	1,480	5,630
27	9,150	16,900	48,300	54,200	20,900	61,400	98,200	34,800	18,400	14,600	20,100	12,000
28	8,730	15,200	38,700	52,500	26,600	54,100	86,900	102,000	19,000	13,600	20,800	13,800
29	583	16,100	38,100	38,900	------	48,100	77,900	117,000	18,400	10,900	24,600	10,200
30	10,300	17,100	31,200	42,500	------	46,700	73,200	85,200	10,600	21,400	14,600	978
31	6,760	------	66,700	36,400	------	128,000	------	75,800	------	17,900	18,200	------
TOTAL	203,059	394,543	1,206.7M	1,775.2M	975,900	1,732.2M	1,857.9M	1,672.8M	1,025.0M	551,290	347,713	285,141
MEAN	6,550	13,150	38,930	57,260	34,850	55,880	61,930	53,960	34,170	17,780	11,220	9,505
MAX	14,700	24,500	80,700	121,000	51,000	128,000	133,000	117,000	66,800	28,200	24,600	19,800
MIN	308	583	2,870	25,200	11,500	13,300	4,720	12,700	10,600	3,890	583	583

CAL YR 1972 TOTAL 9,119,709 MEAN 24,920 MAX 195,000 MIN 308 CFSM 1.65 IN 22.47
WTR YR 1973 TOTAL 12,027,486 MEAN 32,950 MAX 133,000 MIN 308 CFSM 2.18 IN 29.63

02420000 Alabama River near Montgomery, Ala.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19,400	18,100	17,400	3,810	48,600	32,300	30,000	19,700	14,000	13,600	9,070	4,640
2	16,100	15,300	25,000	18,700	43,100	99,100	17,100	17,200	11,700	4,140	9,480	3,120
3	8,240	11,100	31,200	32,500	41,800	90,400	26,000	8,330	15,300	11,400	14,100	5,540
4	19,900	14,100	29,700	100,000	45,100	67,500	24,600	10,700	9,320	2,560	16,200	7,450
5	20,000	10,100	13,600	132,000	47,200	54,300	25,100	9,390	25,100	11,700	15,500	7,310
6	10,500	2,860	26,800	93,200	44,800	49,300	21,300	9,520	21,200	10,900	16,800	8,990
7	4,650	1,560	99,700	77,000	55,600	41,400	23,300	409	18,800	9,560	20,900	14,000
8	7,290	8,390	58,600	73,100	51,000	47,800	20,400	18,800	14,400	16,000	17,600	14,000
9	3,150	21,700	51,600	73,600	46,200	50,700	21,400	15,100	16,200	13,600	16,300	12,300
10	3,340	13,500	41,400	174,000	40,800	47,600	24,900	16,400	10,900	11,000	7,050	11,600
11	3,640	14,400	35,000	195,000	46,500	33,300	23,100	20,600	806	12,200	5,170	12,700
12	7,140	17,300	21,900	117,000	34,600	24,500	24,100	15,200	659	21,100	8,330	12,300
13	5,430	4,040	26,700	94,500	26,700	24,000	25,400	29,000	1,580	12,800	2,320	14,400
14	8,320	5,470	22,700	89,100	41,200	32,100	28,400	62,600	17,800	17,300	12,600	18,900
15	9,490	17,100	24,500	87,200	42,600	33,300	27,100	67,200	12,800	14,100	13,200	20,300
16	4,560	10,200	25,800	78,300	41,200	26,400	2,590	55,700	11,600	4,500	11,400	13,200
17	3,330	14,000	36,500	74,700	40,300	29,300	2,360	58,000	17,000	20,700	8,920	4,710
18	7,150	7,360	32,300	74,900	41,100	28,100	25,100	48,800	375	21,100	13,900	15,600
19	4,210	4,860	27,000	70,700	40,500	14,100	27,500	42,000	1,140	18,500	15,200	21,600
20	12,800	4,670	28,300	71,800	31,600	24,900	22,100	30,300	2,010	14,400	5,900	19,400
21	12,500	583	37,900	66,600	37,500	21,800	25,000	15,600	7,940	18,900	10,100	11,800
22	10,500	10,600	40,100	56,300	38,600	26,800	8,610	23,900	7,500	11,600	7,220	9,050
23	26,100	15,700	33,500	57,000	38,500	34,700	2,680	18,700	8,800	6,790	6,840	14,900
24	4,740	17,300	27,700	51,700	28,500	36,000	18,300	22,000	7,360	15,300	7,350	6,990
25	5,230	7,360	20,800	54,200	30,700	33,800	8,240	23,600	6,120	9,770	13,400	20,000
26	9,320	7,720	14,000	46,200	29,700	22,700	9,930	22,700	19,800	12,100	13,900	15,000
27	11,500	8,000	20,600	42,600	16,500	27,100	6,120	12,300	15,300	10,900	5,990	19,300
28	14,400	893	25,400	62,000	27,400	27,800	7,650	1,460	21,800	8,430	10,000	21,600
29	4,950	13,900	24,000	35,200	28,500	28,700	4,240	8,000	24,400	4,050	8,170	14,400
30	4,870	14,900	21,200	45,400	------	34,200	1,020	17,400	15,300	375	9,820	633
31	13,400	------	19,500	49,800	------	38,200	------	10,700	------	7,480	11,400	------
TOTAL	296,150	313,066	960,400	2,298.1M	1,126.4M	1,182.2M	533,640	731,309	357,010	366,855	344,130	375,733
MEAN	9,553	10,440	30,980	74,130	38,840	38,140	17,790	23,590	11,900	11,830	11,100	12,520
MAX	26,100	21,700	99,700	195,000	55,600	99,100	30,000	67,200	25,100	21,100	20,900	21,600
MIN	3,150	583	13,600	3,810	16,500	14,100	1,020	409	375	375	2,320	633

CAL YR 1971 TOTAL 10,443,436 MEAN 28,610 MAX 153,000 MIN 583 CFSM 1.89 IN 25.73
WTR YR 1972 TOTAL 8,885,003 MEAN 24,280 MAX 195,000 MIN 375 CFSM 1.61 IN 21.89

02421000 Catoma Creek near Montgomery, Ala.

LOCATION.--Lat 32°18'26", long 86°17'58", in center sec. 6, T. 15 N., R. 18 E., Montgomery County, on right bank on downstream side of bridge on U.S. Highway 331, 5 mi (8.0 km) south of Montgomery.

DRAINAGE AREA.--298 mi^2 (772 km^2).

PERIOD OF RECORD.--June 1952 to September 1971. Flood hydrograph, water years 1972-74. October 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is 151.02 ft (46.031 m) above mean sea level.

AVERAGE DISCHARGE.--20 years (1952-71, 1974-75), 366 ft^3/s (10.37 m^3/s), 16.68 in/yr (424 mm/yr).

EXTREMES.--Current year: Maximum discharge, 43,900 ft^3/s (1,240 m^3/s) Feb. 17 (gage height, 28.13 ft or 8.560 m); minimum, 6.6 ft^3/s (0.187 m^3/s) Nov. 4.

Period of record: Maximum discharge, 48,600 ft^3/s (1,380 m^3/s) Feb. 25, 1961 (gage height, 28.65 ft or 8.733 m); no flow for many days in some years.

Flood of Nov. 28, 1948, reached a stage of 27.5 ft (8.38 m), present site and datum (discharge, 38,300 ft^3/s or 1,080 m^3/s).

REMARKS.--Records fair.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	152	8.4	994	111	124	195	274	726	426	168	1,300	11
2	76	8.1	826	93	121	166	963	506	515	73	1,070	11
3	48	8.4	594	99	135	146	2,080	171	212	66	553	12
4	35	7.2	190	592	195	121	1,420	101	80	477	744	12
5	29	24	110	695	1,270	100	542	79	46	413	988	11
6	26	13	80	394	1,470	91	198	65	34	189	1,410	13
7	23	9.8	91	207	979	91	127	92	29	107	2,540	17
8	20	8.7	164	2,250	331	136	95	82	24	113	2,150	17
9	20	14	196	4,170	194	256	80	124	60	194	1,410	14
10	18	13	135	4,910	150	224	79	101	679	158	720	21
11	17	23	92	5,340	125	591	133	66	564	206	718	17
12	15	22	72	4,070	147	654	244	52	486	506	951	14
13	15	16	63	3,710	131	713	278	42	715	250	555	11
14	14	37	57	1,950	99	1,840	2,010	35	596	115	189	9.0
15	20	30	148	513	80	1,190	4,920	54	264	55	99	8.1
16	63	21	435	276	1,720	2,540	8,040	99	270	43	67	7.5
17	18	19	601	208	26,100	5,360	3,440	1,430	171	213	47	9.8
18	40	34	317	168	28,400	6,180	778	1,600	83	182	37	15
19	17	56	201	144	11,400	5,500	250	1,340	55	186	32	168
20	20	273	816	224	5,310	5,300	174	1,130	276	73	29	304
21	16	350	1,150	244	2,860	2,490	129	207	895	54	26	86
22	14	379	1,040	176	1,350	639	105	111	600	45	24	50
23	13	168	619	148	495	314	85	79	214	67	20	1,590
24	12	76	2,190	553	1,190	578	73	57	118	55	20	7,500
25	11	49	2,500	1,750	1,080	1,900	64	45	66	270	19	12,900
26	9.8	39	1,660	1,790	1,130	2,990	58	38	60	832	23	4,350
27	10	32	855	1,100	499	2,020	58	33	39	564	18	1,040
28	9.8	29	303	437	245	410	54	29	130	594	22	249
29	9.8	27	218	240	------	225	54	29	360	168	16	159
30	10	365	174	183	------	202	270	26	686	158	14	119
31	8.7	------	144	144	------	242	------	38	------	706	13	------
TOTAL	810.1	2,159.6	17,035	36,889	87,330	43,404	27,075	8,587	8,753	7,300	15,824	28,745.4
MEAN	26.1	72.0	550	1,190	3,119	1,400	903	277	292	235	510	958
MAX	152	379	2,500	5,340	28,400	6,180	8,040	1,600	895	832	2,540	12,900
MIN	8.7	7.2	57	93	80	91	54	26	24	43	13	7.5
CFSM	.09	.24	1.85	3.99	10.5	4.70	3.03	.93	.98	.79	1.71	3.21
IN.	.10	.27	2.13	4.60	10.90	5.42	3.38	1.07	1.09	.91	1.98	3.59

WTR YR 1975 TOTAL 283,912.1 MEAN 778 MAX 28,400 MIN 7.2 CFSM 2.61 IN 35.44

PEAK DISCHARGE (BASE, 5,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-10	2300	20.14	6,060	4-16	0900	21.97	9,340
2-17	2100	28.13	43,900	9-25	0300	24.04	15,900
3-18	1600	20.45	6,520				

MOBILE RIVER MAIN STEM

02421351 Alabama River at Jones Bluff lock and dam, near Benton, Ala.

LOCATION.--Lat 32°19'15", long 86°47'08", in NW¼ sec. 32, T. 16 N., R. 13 E., Lowndes County, at downstream end of Jones Bluff lock and dam, 2 mi (3.2 km) upstream from Big Swamp Creek, 2.5 mi (4.0 km) northeast of Benton, 5 mi (8.0 km) downstream from Ivy Creek, and at mile 245.4 (394.8 km).

DRAINAGE AREA.--16,300 mi^2 (42,217 km^2).

PERIOD OF RECORD.--January 1972 to current year (gage heights only).

GAGE.--Nonrecording gage. Datum of gage is mean sea level.

EXTREMES.--Maximum and minimum gage heights (at 0700) for the water years 1972-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1972	Jan. 13, 1972	124.7	38.01	-	-	-
1973	Jan. 10, 1973	113.8	34.69	Oct. 4, 1972	79.5	24.23
1974	Jan. 3, 1974	111.4	33.95	Oct. 22, Dec. 25, 1973, May 7, 1974	80.0	24.38
1975	Feb. 19, 1975	124.2	37.86	Nov. 18, 1974	80.2	24.44

Period of record: Maximum, 124.7 ft (38.01 m) Jan. 13, 1972; minimum, 80.0 ft (24.38 m) Oct. 22, Dec. 25, 1973, May 7, 1974.

COOPERATION.--Records furnished by Corps of Engineers.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	83.40	82.20	86.50	97.50	98.20	99.80	104.70	91.50	89.50	90.00	94.70	80.60
2	81.00	82.70	90.10	99.00	98.20	98.80	104.00	90.80	86.40	88.40	93.40	80.70
3	83.00	82.20	88.60	98.70	96.80	98.50	109.50	88.00	89.70	88.80	94.00	84.50
4	81.20	80.40	88.40	97.50	95.40	97.40	116.50	83.60	87.40	88.00	89.00	85.80
5	83.20	81.30	88.20	98.80	105.50	94.50	116.50	84.80	88.20	82.20	91.60	85.60
6	80.70	84.00	88.00	91.70	111.00	94.40	114.50	86.80	87.70	82.00	92.60	86.90
7	80.80	84.00	91.00	91.50	112.20	93.00	109.90	89.00	87.40	82.20	97.00	80.60
8	80.80	83.30	82.60	96.00	109.80	91.50	104.00	90.60	86.10	97.50	94.10	83.20
9	83.00	84.10	87.00	103.20	106.50	91.60	100.70	95.30	80.80	98.50	93.00	84.20
10	82.00	80.90	87.10	106.40	103.60	91.20	98.10	91.00	86.80	96.50	92.00	87.90
11	81.80	80.50	87.10	108.40	104.80	88.80	101.00	90.70	88.90	95.40	93.20	84.80
12	81.70	82.20	87.10	110.80	100.00	92.40	99.20	87.00	91.00	92.00	99.40	88.00
13	81.80	84.00	87.10	111.20	99.60	93.40	95.00	86.80	96.50	89.20	100.00	89.00
14	80.60	85.20	88.40	109.40	99.40	102.00	94.00	88.20	95.40	89.00	95.40	85.70
15	81.40	85.50	86.30	106.00	96.80	109.50	110.20	87.30	92.50	85.50	93.00	80.80
16	82.50	84.50	81.00	101.80	96.50	111.50	115.00	90.50	91.00	86.40	90.80	81.30
17	83.00	81.50	87.70	99.80	108.40	113.80	115.00	94.80	88.00	84.90	87.00	80.50
18	81.40	80.20	90.50	96.80	120.80	115.40	111.00	98.00	89.00	85.20	90.60	83.20
19	81.00	82.00	88.00	94.50	124.20	118.80	105.80	96.40	87.00	85.00	87.90	81.80
20	81.60	83.50	89.50	91.20	123.30	120.80	98.00	94.40	86.50	86.90	87.60	81.40
21	80.70	86.40	88.40	94.40	120.50	121.30	93.40	92.00	88.20	84.80	87.70	85.40
22	81.80	87.40	85.80	93.60	114.50	120.00	91.50	92.20	89.00	84.90	86.20	80.50
23	80.70	88.40	84.90	92.10	109.00	116.50	90.20	89.50	83.40	89.20	85.90	88.40
24	80.60	84.80	93.00	92.50	105.20	110.40	91.00	89.20	84.30	86.80	85.00	105.90
25	80.80	82.70	105.80	94.50	105.50	108.10	94.20	87.50	83.00	88.20	85.10	113.30
26	82.00	82.30	107.40	104.00	105.20	108.80	85.50	85.00	88.00	92.00	82.20	115.40
27	80.80	86.20	105.80	108.00	103.70	108.40	87.20	86.00	85.60	92.50	84.80	112.30
28	80.50	86.80	102.50	108.50	101.50	107.00	88.20	87.40	86.50	90.10	86.30	106.90
29	81.60	81.00	99.00	105.70	------	104.20	89.00	82.50	85.50	89.70	85.00	101.30
30	83.80	85.10	95.80	102.00	------	102.70	90.20	81.00	82.50	92.00	80.60	96.70
31	83.40	------	97.80	100.20	------	102.60	------	83.50	------	89.90	80.80	------
MAX	83.8	88.4	107.4	111.2	124.2	121.3	116.5	98.0	96.5	98.5	100.0	115.4
MIN	80.5	80.2	81.0	91.2	95.4	88.8	85.5	81.0	80.8	82.0	80.6	80.5

CAL YR 1974 MAX 111.4 MIN 80.0
WTR YR 1975 MAX 124.2 MIN 80.2

02421351 Alabama River at Jones Bluff lock and dam, near Benton, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700. WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81.00	86.60	93.40	103.80	104.80	97.60	90.50	89.80	91.00	80.60	85.40	83.80
2	85.20	82.20	93.00	111.20	102.80	97.00	94.20	89.00	87.20	81.20	84.20	82.60
3	84.00	84.60	91.50	111.40	100.80	93.80	100.20	87.00	88.30	83.40	82.50	84.00
4	88.20	83.60	91.10	110.00	99.00	91.50	103.20	86.50	87.20	82.80	81.10	86.70
5	87.00	82.20	90.00	108.00	97.80	90.80	106.40	81.20	86.00	81.50	81.50	85.60
6	85.20	85.00	91.50	105.10	97.40	92.50	111.30	80.50	88.70	83.40	81.00	82.60
7	82.00	86.40	92.80	102.50	96.80	94.00	110.80	80.00	90.00	83.10	83.60	83.20
8	81.00	85.50	91.80	101.00	101.80	92.50	107.50	83.60	91.00	80.30	85.60	91.40
9	81.00	82.60	92.40	102.30	104.40	91.60	106.10	82.20	90.50	84.00	87.80	83.50
10	85.40	81.20	83.00	103.30	104.50	90.00	103.80	85.40	83.50	84.00	91.20	93.20
11	85.10	82.00	90.00	102.40	102.20	83.00	103.40	87.10	88.50	88.50	88.30	92.40
12	84.40	81.50	90.60	103.80	99.50	89.70	103.00	83.60	85.00	88.50	82.90	91.50
13	81.00	85.00	89.00	105.00	100.20	90.50	103.00	82.80	88.40	85.90	86.00	92.00
14	81.00	83.80	88.50	104.40	97.30	88.80	105.80	86.80	88.60	81.50	87.40	90.90
15	80.70	83.00	86.30	103.00	94.50	89.80	106.00	86.00	84.00	80.10	87.20	88.70
16	82.60	86.50	83.40	100.80	102.70	85.80	103.80	85.20	85.00	84.50	87.80	84.50
17	83.50	82.50	86.00	99.80	104.10	81.00	101.00	86.80	82.30	84.40	89.00	86.20
18	81.00	82.50	88.60	98.10	103.50	82.70	98.60	88.40	84.50	84.00	85.60	86.70
19	83.30	82.50	88.00	97.50	102.40	84.00	97.50	87.20	84.20	86.90	85.30	83.50
20	81.00	82.80	90.00	97.50	102.50	87.30	94.90	85.60	85.00	83.60	85.80	81.90
21	81.50	85.50	88.80	100.50	102.50	85.00	89.00	89.50	88.20	82.20	84.90	84.50
22	80.00	88.00	91.30	102.50	101.50	92.20	89.50	87.80	86.80	85.00	84.60	89.30
23	82.90	82.50	83.40	101.80	105.00	91.00	92.40	86.00	87.00	84.20	86.30	83.20
24	84.20	83.00	81.50	100.80	105.20	89.20	88.30	89.00	81.00	81.10	86.00	80.50
25	84.00	81.00	80.00	100.50	103.20	81.20	89.40	87.50	80.30	81.20	83.50	81.00
26	84.80	80.40	87.20	99.80	102.50	87.20	87.70	83.20	81.00	81.40	81.80	83.60
27	82.50	81.40	94.60	100.70	99.20	88.00	87.10	89.10	82.50	82.80	87.90	92.10
28	81.00	86.80	100.20	101.10	97.60	86.40	85.60	94.80	81.50	81.60	86.20	89.30
29	81.00	93.80	101.10	101.10	------	88.70	82.00	90.40	82.40	81.60	86.00	87.50
30	87.60	94.30	100.20	104.70	------	93.30	90.00	89.50	81.00	86.50	83.50	84.00
31	86.50	------	98.90	104.80	------	95.00	------	91.70	------	82.40	84.40	------
MAX	88.2	94.3	101.1	111.4	105.2	97.6	111.3	94.8	91.0	88.5	91.2	93.2
MIN	80.0	80.4	80.0	97.5	94.5	81.0	82.0	80.0	80.3	80.1	81.0	80.5

CAL YR 1973 MAX 123.8 MIN 80.0
WTR YR 1974 MAX 111.4 MIN 80.0

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	80.90	80.40	86.00	101.80	93.00	89.60	114.60	113.50	110.40	85.20	86.80	86.20
2	80.40	83.00	84.70	105.80	99.70	87.20	122.40	109.40	107.00	81.00	86.50	81.00
3	80.00	81.60	85.10	105.50	103.50	88.40	123.80	104.60	103.50	86.20	85.40	80.20
4	79.50	81.20	80.20	104.00	103.80	87.80	122.60	99.60	96.50	87.00	82.00	80.00
5	81.40	82.80	81.10	102.00	99.70	89.60	117.00	96.20	96.50	81.20	81.70	84.10
6	83.90	80.60	88.40	101.30	96.30	89.20	110.50	92.00	94.40	87.00	80.00	86.00
7	80.80	82.30	91.20	101.90	96.80	93.40	103.20	88.80	96.70	87.00	80.50	86.00
8	80.70	83.50	91.50	106.20	95.60	92.20	108.40	92.00	100.20	89.10	88.80	84.10
9	80.50	84.50	90.00	112.70	95.20	94.20	114.50	104.50	101.20	82.50	85.50	84.50
10	80.00	84.40	88.40	113.80	96.50	92.70	115.00	109.80	101.20	86.90	82.00	80.40
11	81.00	80.50	86.30	112.20	98.50	93.10	113.50	111.00	99.50	89.60	81.00	86.50
12	81.20	84.50	89.00	108.80	97.60	96.60	110.00	108.80	96.00	90.00	82.00	83.90
13	80.40	80.50	89.50	105.50	97.20	103.30	105.20	103.00	94.60	88.00	81.00	85.60
14	80.00	88.50	88.00	101.80	95.60	105.80	102.30	99.40	98.40	87.80	87.50	80.30
15	82.00	85.40	93.70	97.70	98.50	105.50	97.20	97.10	96.80	87.80	87.30	82.00
16	80.00	85.20	101.80	96.90	99.10	102.80	95.00	91.80	96.50	80.50	85.60	84.00
17	81.70	85.00	105.50	94.00	100.30	106.00	93.50	90.80	94.80	87.60	82.60	81.50
18	81.30	86.00	104.70	89.50	98.50	113.00	93.50	91.80	90.10	91.00	81.60	82.20
19	81.40	83.00	101.30	91.00	93.50	113.10	93.80	90.70	90.90	90.50	83.60	80.80
20	80.60	79.80	98.60	95.00	93.10	110.30	95.30	91.80	89.60	91.90	83.40	80.90
21	80.20	88.00	97.50	96.20	93.10	108.30	93.30	96.90	89.60	89.60	84.30	81.80
22	81.30	88.80	104.60	96.80	91.50	108.20	86.30	100.20	90.60	87.50	81.00	83.00
23	80.20	86.60	108.10	104.50	92.00	106.50	88.00	100.00	93.00	88.10	81.20	83.70
24	81.20	83.00	108.50	104.60	90.50	104.50	89.70	99.80	90.50	89.70	81.50	83.00
25	83.60	86.50	107.40	103.60	89.20	103.50	93.00	99.40	88.20	89.50	82.60	82.30
26	81.70	88.10	103.10	99.30	82.30	106.70	107.40	96.60	90.20	88.70	83.00	85.00
27	82.10	86.00	99.00	100.00	91.10	107.20	117.00	95.60	90.00	88.00	81.00	80.50
28	80.80	85.20	98.40	100.00	88.80	105.70	121.10	98.10	88.30	85.60	87.20	85.50
29	83.70	82.30	94.20	98.80	------	101.90	120.00	105.50	88.50	85.00	87.40	84.00
30	80.80	86.20	93.70	96.00	------	98.20	117.50	109.80	88.30	82.50	89.60	82.30
31	82.10	------	93.00	95.40	------	103.00	------	111.40	------	89.40	85.00	------
MAX	83.9	88.8	108.5	113.8	103.8	113.1	123.8	113.5	110.4	91.9	89.6	86.5
MIN	79.5	79.8	80.2	89.5	82.3	87.2	86.3	88.8	88.2	80.5	80.0	80.0

CAL YR 1972 MAX 124.7 MIN 70.2
WTR YR 1973 MAX 123.8 MIN 79.5

02421351 Alabama River at Jones Bluff lock and dam, near Benton, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				87.00	99.00	91.00	93.30	80.00	82.80	85.00	81.30	83.20
2				85.20	99.20	98.10	92.20	85.20	84.00	85.40	83.00	80.50
3				85.70	99.50	112.00	88.70	85.60	83.20	80.70	82.80	80.20
4				92.00	100.00	118.70	90.00	84.20	87.20	82.70	84.40	80.60
5				102.50	100.10	115.70	89.00	83.50	85.30	81.50	85.70	82.00
6				111.00	99.80	110.20	90.40	84.50	90.00	85.20	84.30	79.20
7				112.60	100.20	104.50	87.80	87.90	88.70	82.60	86.50	81.30
8				111.20	103.50	99.00	87.70	81.20	88.20	81.10	86.80	84.30
9				98.50	103.70	99.40	87.60	86.50	84.80	85.20	87.00	83.90
10				103.70	100.00	100.00	87.60	88.00	86.20	85.10	88.00	81.30
11				114.50	99.40	95.30	90.20	88.00	82.00	82.80	81.50	81.20
12				123.60	96.40	95.10	88.50	87.00	81.20	82.60	80.70	82.40
13				124.70	95.30	92.80	89.20	86.10	80.60	89.00	82.60	84.00
14				123.80	92.40	91.00	89.10	93.30	81.30	82.20	80.60	85.00
15				121.00	96.00	94.40	89.90	99.00	86.40	84.20	82.00	86.10
16				118.30	96.80	92.60	92.00	101.40	84.00	82.80	84.60	87.20
17				111.00	96.40	93.00	83.00	99.40	81.00	80.20	84.00	82.60
18				109.00	93.00	91.80	89.20	98.20	86.00	86.70	80.60	80.60
19				107.00	96.50	91.60	89.90	97.50	81.60	87.80	84.70	83.60
20				105.20	94.20	89.40	91.70	96.80	82.50	86.00	83.70	88.40
21				106.00	94.80	89.80	88.80	92.60	80.80	85.10	81.20	87.80
22				105.60	94.10	90.30	90.50	84.50	81.50	86.70	81.70	81.60
23				104.80	94.50	92.20	85.80	86.70	81.20	84.60	81.60	81.80
24				103.90	94.00	92.70	83.40	87.80	83.30	81.20	80.80	84.30
25				101.50	92.00	92.00	84.80	88.60	82.70	85.30	80.70	82.00
26				98.40	90.50	93.50	83.20	90.00	83.60	81.80	83.00	87.50
27				99.80	90.90	87.20	84.00	90.00	87.40	82.60	83.70	85.20
28				96.50	87.60	91.80	81.10	86.50	89.80	82.00	82.80	86.40
29				94.00	91.20	91.20	80.50	80.70	91.00	81.10	84.20	88.20
30				93.80	------	91.10	81.90	83.00	90.40	80.30	83.30	84.10
31		------		96.80	------	93.10	------	85.40	------	80.40	83.80	------
MAX				124.7	103.7	118.7	93.3	101.4	91.0	89.0	88.0	88.4
MIN				85.2	90.5	87.2	80.5	80.0	80.6	80.2	80.6	79.2

02422500 Mulberry Creek at Jones, Ala.

LOCATION.--Lat 32°34'58", long 86°54'13", in E½ sec. 31, T. 19 N., R. 12 E., Dallas County, on right bank 70 ft (21 m) downstream from highway bridge, 0.4 mi (0.6 km) west of Jones, 6 mi (9.7 km) upstream from Buck Creek, and 11 mi (18 km) upstream from mouth.

DRAINAGE AREA.--208 mi^2 (539 km^2).

PERIOD OF RECORD.--October 1938 to September 1970, October 1974 to current year. (October 1970 to September 1974 flood hydrograph only). Prior to October 1959, published as Mulberry River at Jones.

GAGE.--Water-stage recorder. Datum of gage is 165.23 ft (50.362 m) above mean sea level. Prior to June 2, 1939, nonrecording gage at site 50 ft (15 m) upstream at same datum.

AVERAGE DISCHARGE.--33 years (1938-70, 1975). 313 ft^3/s (8.864 m^3/s), 20.44 in/yr (519 mm/yr).

EXTREMES.--Current year: Maximum discharge, 9,550 ft^3/s (270 m^3/s) Apr. 3 (gage height, 16.50 ft or 5.029 m); minimum daily discharge, 104 ft^3/s (2.95 m^3/s) Sept. 5, 1975.
Period of record: Maximum discharge, 32,800 ft^3/s (929 m^3/s) Aug. 16, 1939 (gage height, 30.38 ft or 9.260 m).
1938-70, 1975: Minimum daily discharge, 27 ft^3/s (0.76 m^3/s) Oct. 6, 1954.
Maximum stage known, 33.6 ft (10.2 m) in April 1938, from information by local residents, discharge, 48,000 ft^3/s (1,360 m^3/s), from rating curve extended above 30,000 ft^3/s (850 m^3/s).

REMARKS.--Records fair.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	180	122	236	313	383	474	526	806	252	191	1,550	126
2	155	118	169	272	454	450	2,640	510	209	216	1,060	116
3	137	117	140	266	550	408	7,370	462	184	167	730	112
4	134	117	129	418	1,610	372	1,690	510	172	174	490	107
5	131	141	125	329	2,370	355	962	420	172	160	402	104
6	125	133	126	260	1,080	340	812	414	184	143	3,210	380
7	119	118	199	232	715	329	705	585	288	1,640	1,280	367
8	117	117	251	1,390	570	380	635	872	206	2,220	546	211
9	115	118	174	1,710	546	316	1,230	710	454	745	418	174
10	121	126	149	1,240	510	368	1,930	600	806	725	645	194
11	122	174	147	2,960	458	610	1,190	438	387	462	510	213
12	118	254	169	1,290	1,710	474	836	376	486	347	443	169
13	116	159	163	1,130	926	755	665	340	326	269	343	153
14	114	133	139	715	605	2,350	5,160	316	227	232	286	135
15	128	141	230	605	510	834	5,540	595	238	214	252	121
16	211	135	306	518	2,110	1,400	1,640	530	269	238	228	121
17	177	128	201	454	3,620	1,020	1,230	645	206	224	210	124
18	132	129	165	410	1,440	1,660	1,080	462	179	206	202	137
19	120	127	255	406	1,170	1,850	944	430	206	189	236	133
20	119	188	386	545	878	1,020	812	306	209	189	218	120
21	120	225	268	403	730	802	710	281	191	326	203	112
22	117	150	211	333	680	705	640	260	174	387	178	149
23	115	131	198	323	848	632	590	238	160	221	163	1,300
24	120	123	3,840	372	1,260	1,720	558	227	143	191	153	1,090
25	121	129	1,850	2,520	730	1,420	526	211	137	387	145	405
26	116	134	760	1,200	590	755	498	240	137	1,200	166	289
27	115	126	534	680	534	625	482	326	141	725	149	241
28	116	122	494	558	502	566	442	235	139	354	135	212
29	119	118	506	503	------	566	635	281	219	263	131	195
30	128	172	414	454	------	854	1,170	354	320	291	141	185
31	126	------	350	418	------	660	------	281	------	1,220	143	------
TOTAL	4,004	4,225	13,284	23,227	28,089	25,070	43,848	13,261	7,421	14,516	14,966	7,495
MEAN	129	141	429	749	1,003	809	1,462	428	247	468	483	250
MAX	211	254	3,840	2,960	3,620	2,350	7,370	872	806	2,220	3,210	1,300
MIN	114	117	125	232	383	316	442	211	137	143	131	104
CFSM	.62	.68	2.06	3.60	4.82	3.89	7.03	2.06	1.19	2.25	2.32	1.20
IN.	.72	.76	2.38	4.15	5.02	4.48	7.84	2.37	1.33	2.60	2.68	1.34

WTR YR 1975 TOTAL 199,406 MEAN 546 MAX 7,370 MIN 104 CFSM 2.63 IN 35.66

PEAK DISCHARGE (BASE, 4,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-24	1100	10.26	4,810	4-14	1800	15.54	8,730
2-17	0200	9.73	4,380	8-06	1600	9.90	4,520
4-03	0300	16.50	9,550				

MOBILE RIVER MAIN STEM

02423000 Alabama River at Selma, Ala.

LOCATION.--Lat 32°24'20", long 87°01'07", in SE¼ sec. 36, T. 17 N., R. 10 E., Dallas County, in first pier from right bank of Edmund Pettus Bridge on U.S. Highway 80, in Selma, 1 mi (2 km) upstream from Valley Creek, and at mile 214.8 (346 km).

DRAINAGE AREA.--17,100 mi^2, approximately (44,300 km^2, approximately).

PERIOD OF RECORD.--January to December 1899 (gage heights only), January 1900 to December 1913, and June 1928 to September 1970. October 1971 to current year (gage heights only). Gage-height records December 1890 to December 1971 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 61.80 ft (18.837 m) above mean sea level. Prior to June 22, 1928, nonrecording gage, June 22, 1928, to Apr. 11, 1938, water-stage recorder, and Apr. 12, 1938, to May 22, 1940, nonrecording gage all at site 300 ft (91.4 m) upstream at same datum.

EXTREMES.--Maximum and minimum gage heights for the water years 1972-75 are contained in the following table:

Water year	Maximum			Minimum		
	Date	Gage height (feet)	Gage height (metres)	Date	Gage height (feet)	Gage height (metres)
1972	Jan. 13, 1972	47.73	14.548	Nov. 10, 1971	16.74	5.102
1973	Apr. 3, 1973	46.21	14.085	Sept. 4, 1973	17.43	5.313
1974	Jan. 4, 1974	36.71	11.189	July 15, 1974	17.37	5.294
1975	Mar. 21, 1975	44.43	13.542	Nov. 4, 1974	17.68	5.389

Period of record: Maximum, 57.97 ft (17.669 m) Mar. 1, 1961; minimum, -2.20 ft (0.670 m) Nov. 1, 1904.
Flood of Apr. 8. 1886, reached a stage of 57.0 ft (17.374 m) present site and datum, from floodmarks established by Corps of Engineers.

REMARKS.--Records good. Flow affected by operation of reservoirs on Etowah, Coosa, Tallapoosa, and Alabama Rivers. (See Reservoirs in Mobile River basin.) Stage affected by Millers Ferry lock and dam since November 1968.

REVISIONS.--WSP 662: Drainage area.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.96	19.03	20.08		26.23	27.40	31.05	21.86	20.97	20.20	24.54	19.17
2	18.83	18.67	20.71		25.82	26.70	31.33	21.53	19.96	20.40	23.52	19.20
3	19.04	18.42	20.59		24.84	26.07	36.67	20.39	20.64	20.13	22.86	19.53
4	18.76	18.10	20.40		25.02	25.15	40.99	18.97	20.15	19.95	21.16	19.82
5	18.86	18.50	20.22		31.07	23.82	40.98	18.71	19.74	19.05	21.99	19.85
6	18.54	19.22	20.19		35.61	23.55	39.15	19.52	19.61	18.85	22.88	20.21
7	18.48	19.51	20.67		36.98	22.70	35.31	20.44	19.68	18.90	24.59	18.46
8	18.59	18.98	19.55		35.97	22.18	30.73	21.46	19.44	24.34	23.46	18.66
9	18.98	18.98	20.13		33.58	21.73	27.77	23.62	18.87	26.04	23.02	19.54
10	19.13	18.67	20.00		31.16	21.53	26.70	22.39	20.09	24.90	22.51	20.47
11	19.27	18.41	19.92		30.66	21.13	28.07	21.37	20.65	24.06	23.47	19.97
12	19.07	18.88	19.95		27.77	22.68	27.28	19.52	21.79	22.41	26.86	20.35
13	18.86	19.21	19.62		27.14	23.37	24.79	19.71	23.54	20.70	26.54	20.34
14	18.72	19.64	19.85		27.08	29.53	26.36	20.19	23.76	20.16	24.31	19.67
15	18.58	19.59	19.36		25.67	34.69	36.13	19.75	22.75	19.76	22.60	18.85
16	19.21	19.34	18.90		26.08	37.25	40.02	20.62	21.23	19.76	21.54	19.12
17	19.14	18.73	20.13		35.01	39.01	40.17	23.33	20.37	19.74	20.06	19.57
18	18.81	18.49	21.15		42.86	40.39	37.95	25.34	20.30	19.66	20.69	19.93
19	18.66	18.82	20.72		46.85	42.49	33.41	24.63	19.54	19.76	20.17	19.80
20	18.67	19.29	21.14		46.42	43.83	26.80	23.27	19.30	19.96	19.56	19.71
21	18.38	19.86	20.62	22.95	44.31	44.29	22.54	22.25	20.08	19.77	19.62	19.87
22	18.96	20.07	19.46	22.52	39.93	43.43	21.55	21.97	20.41	19.85	19.63	19.74
23	18.63	20.23	19.75	22.06	35.29	40.80	21.49	21.31	19.02	20.98	19.70	21.59
24	18.75	19.70	25.48	22.27	32.52	36.79	22.20	20.77	19.03	20.69	19.63	30.93
25	19.34	18.77	32.25	24.84	31.77	34.74	22.23	20.16	18.70	20.85	19.42	
26	19.03	18.64	33.64	30.52	31.04	34.87	19.31	19.06	19.22	22.06	19.12	
27	18.68	19.83		33.61	29.32	34.30	19.15	18.96	19.57	21.73	19.12	
28	18.26	19.90		33.99	28.46	33.01	19.42	19.54	19.72	21.06	19.35	
29	18.37	18.70		33.02	------	30.77	20.20	18.37	19.48	21.03	19.39	
30	19.04	19.36		29.99	------	29.46	21.07	18.97	19.15	20.83	19.18	
31	19.32	------		27.55	------	29.67	------	19.80	------	21.88	19.08	------
MAX	19.34	20.23	--	--	46.85	44.29	40.99	25.34	23.76	26.04	26.86	--
MIN	18.26	18.10	18.90	--	24.84	21.13	19.15	18.37	18.70	18.85	19.08	18.46

02423000 Alabama River at Selma, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.27	20.13	22.75	29.46	30.80	25.68	22.08	21.07	20.66	18.29	18.99	19.34
2	19.72	19.24	22.20	35.11	29.34	24.65	24.68	20.67	19.63	18.39	19.29	19.19
3	18.58	18.98	21.09	36.57	27.71	23.09	28.44	19.67	20.26	18.51	18.90	19.61
4	18.94	19.00	20.89	36.22	26.41	21.84	29.54	19.51	20.15	18.65	18.63	20.05
5	19.22	19.03	21.55	34.67	25.87	21.72	32.26	18.78	19.51	18.60	18.65	19.66
6	19.39	19.58	21.93	31.76	25.24	22.13	35.49	18.42	20.64	18.95	18.57	18.71
7	18.85	19.92	21.90	28.79	25.89	22.19	35.55	18.45	21.24	18.78	18.90	18.77
8	18.89	19.83	21.62	28.17	28.65	21.87	33.44	19.09	21.29	18.25	19.81	21.14
9	18.90	19.29	21.33	29.10	30.18	21.57	31.65	19.14	20.76	19.12	20.73	20.21
10	19.32	18.70	19.08	29.67	30.29	20.73	30.33	19.73	19.20	19.43	21.07	22.03
11	19.45	18.70	20.23	29.33	28.90	19.52	29.50	19.70	20.63	19.96	19.92	22.10
12	19.35	18.88	20.72	29.99	27.42	20.79	29.23	19.20	19.68	19.81	18.82	21.51
13	18.88	19.19	20.87	30.78	26.76	21.26	29.90	19.26	19.99	18.98	19.64	21.27
14	18.58	19.43	20.35	30.49	25.35	20.91	31.70	19.90	20.43	18.26	20.15	20.78
15	18.30	19.40	20.04	29.41	24.70	20.82	32.35	19.69	19.39	17.90	20.02	20.01
16	18.57	19.75	18.70	27.69	28.89	19.64	31.19	19.71	19.07	18.83	20.24	19.30
17	18.96	19.27	19.68	26.54	30.48	18.71	29.23	20.41	19.24	19.27	20.23	21.68
18	18.74	18.64	20.31	25.57	30.44	18.81	26.83	20.35	19.30	19.23	19.38	20.14
19	19.03	18.76	20.22	25.53	29.80	19.30	24.81	19.79	19.04	19.66	19.33	19.04
20	18.86	18.84	20.24	25.48	29.61	20.62	22.94	19.62	19.44	19.09	19.55	18.61
21	18.65	19.76	20.87	27.60	29.30	21.14	20.84	20.77	20.01	18.82	19.15	19.30
22	18.52	20.11	21.38	28.93	29.15	22.34	20.02	19.88	19.82	19.39	19.10	19.89
23	19.18	18.71	19.34	28.63	30.90	21.79	20.51	20.19	19.50	19.34	19.30	18.98
24	19.42	18.77	18.76	27.60	31.53	20.80	20.47	20.87	18.77	18.87	19.49	18.53
25	19.15	18.25	17.98	27.46	30.32	19.05	20.62	20.33	18.38	18.67	19.06	18.47
26	19.27	18.23	19.57	27.42	29.30	19.62	20.24	19.13	18.40	18.65	18.83	19.81
27	19.22	18.78	23.93	28.01	26.94	20.09	19.98	20.29	18.41	19.05	19.81	22.75
28	18.73	20.35	27.01	28.12	25.88	20.47	19.65	22.23	18.72	18.98	19.61	21.13
29	18.66	22.64	28.13	28.71	------	21.75	19.51	21.16	18.83	19.07	19.33	21.65
30	19.72	23.03	27.80	30.94	------	22.82	20.95	20.47	18.90	19.61	18.94	19.20
31	20.04	------	26.94	31.16	------	23.59	------	21.05	------	18.97	19.18	------
MAX	20.04	22.64	28.13	36.57	31.53	25.68	35.55	22.23	21.29	19.96	21.07	22.75
MIN	18.30	18.70	17.98	25.48	24.70	18.71	19.51	18.42	18.38	17.90	18.57	18.47

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		18.53	19.56	28.39	23.53	20.87	39.07	38.14	37.40	18.84	19.89	19.50
2		19.17	19.51	31.27	26.87	20.16	44.18	34.46	32.73	18.56	19.60	18.66
3		19.22	18.89	31.22	29.23	20.05	45.96	30.63	29.77	19.51	19.05	18.29
4		18.95	18.15	30.13	29.32	19.91	45.42	26.62	25.48	19.84	18.37	18.02
5		18.95	18.22	28.93	26.84	20.69	42.09	23.91	24.45	18.70	18.18	18.93
6		18.36	20.29	28.01	25.15	21.29	36.51	21.16	23.92	19.26	18.07	19.50
7		18.64	21.04	28.43	24.56	22.50	31.94	20.50	25.30	19.89	18.59	19.63
8		19.17	21.34	32.73	23.81	23.12	34.63	23.09	27.10	19.88	19.85	19.39
9		19.13	21.01	36.92	24.54	23.17	38.04	31.10	28.24	19.21	19.52	19.47
10		19.28	20.29	38.00	25.33	22.74	39.11	34.60	28.40	19.74	18.53	18.78
11		18.89	19.32	36.85	26.05	23.17	38.48	35.61	26.50	20.66	18.80	19.28
12		19.01	19.78	34.62	25.30	26.13	35.70	33.78	24.33	20.78	18.92	18.93
13		18.57	19.72	32.08	25.06	29.75	31.81	32.25	24.88	20.13	18.80	19.22
14		19.87	19.71	28.78	25.16	31.45	28.69	26.96	26.44	20.12	19.69	18.60
15		19.89	23.80	26.15	26.58	31.22	25.16	24.75	25.27	20.00	20.24	18.83
16		19.43	27.62	24.84	26.90	30.23	23.16	23.54	24.62	19.17	19.32	19.38
17		19.20	30.73	23.20	27.12	33.70	22.71	20.83	23.06	19.81	19.00	19.07
18		19.00	30.47	21.75	25.99	37.25	22.94	21.33	21.40	20.27	18.78	18.86
19		18.60	27.92	21.72	22.97	37.60	23.43	21.07	20.55	20.44	19.19	18.61
20		18.30	25.88	23.70	22.47	35.91	23.87	21.83	20.70	20.90	19.26	18.54
21		19.55	26.62	24.79	22.64	34.26	22.26	24.86	20.39	20.59	19.19	18.69
22		19.60	30.26	26.19	22.12	33.52	19.81	26.80	19.98	20.03	18.43	18.98
23		19.26	32.77	30.01	22.06	32.42	19.19	27.66	19.96	19.87	18.37	19.19
24		18.78	33.51	30.74	21.52	30.70	20.60	26.83	21.00	20.17	18.38	19.14
25		19.13	32.39	29.88	20.54	30.92	25.07	26.55	19.90	19.70	18.65	18.94
26	18.55	19.71	29.42	27.76	19.26	32.95	34.54	25.10	19.85	19.65	18.86	18.93
27	18.77	19.75	26.58	27.25	20.43	33.47	40.78	24.09	20.05	19.86	19.03	18.73
28	19.14	19.44	25.38	27.25	20.65	31.94	43.75	26.11	19.42	19.63	19.69	19.14
29	19.26	18.91	23.54	26.67	------	29.10	43.34	31.10	19.20	19.65	19.90	19.27
30	18.79	19.25	23.07	24.87	------	27.04	41.22	34.16		19.30	20.34	18.82
31	18.80	------	23.55	24.09	------	31.71	------	35.27	------	19.98	19.60	------
MAX		19.89	33.51	38.00	29.32	37.60	45.96	38.14	37.40	20.90	20.34	19.63
MIN		18.30	18.15	21.72	19.26	19.91	19.19	20.50	--	18.56	18.07	18.02

02423000 Alabama River at Selma, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.91	18.19	18.83	19.75	27.22	22.02	22.65	18.22	19.13	19.19	18.85	18.81
2	18.85	18.54	18.82	19.52	27.76	29.47	21.64	18.78	19.10	19.14	19.21	18.26
3	18.80	18.39	20.67	20.18	28.30	38.00	20.14	19.37	19.05	18.88	19.26	17.87
4	17.99	17.95	23.31	23.36	28.34	41.90	20.19	18.89	19.42	19.12	19.48	17.68
5	18.24	18.27	23.26	29.87	28.32	41.01	20.35	18.98	19.38	19.16	19.72	18.11
6	19.05	18.39	21.70	35.22	27.76	36.85	20.64	18.88	20.27	19.50	19.42	17.98
7	19.04	18.19	23.98	37.28	28.42	31.69	20.09	19.07	20.26	19.13	19.88	18.08
8	18.50	17.95	30.41	35.92	30.17	27.50	19.76	19.04	19.59	18.84	20.10	18.90
9	18.00	17.85	30.96	29.47	30.15	27.51	19.71	19.65	19.24	19.19	19.49	19.27
10	17.85	17.42	28.99	32.34	29.48	27.35	20.45	19.88	19.55	19.44	19.96	19.05
11	17.85	17.94	26.53	39.51	28.18	26.75	21.00	19.79	19.13	18.97	19.04	19.01
12	17.85	17.94	23.63	45.87	24.48	23.76	20.46	19.86	18.84	19.13	18.55	18.97
13	17.93	18.25	21.35	47.49	23.84		20.71	20.14	18.57	19.73	18.63	18.92
14	17.99	18.36	20.52	47.34	22.80	21.49	20.68	23.46	18.92	19.23	18.57	19.29
15	18.21	17.98	20.78	45.92	24.41	23.08	20.68	26.40	19.34	19.46	18.93	19.65
16	18.58	18.24	20.76	43.11	24.97	22.46	20.89	27.44	19.34	19.16	19.36	19.90
17	18.49	18.60	21.17	37.82	24.44	22.36	18.97	26.45	19.40	18.72	19.66	19.16
18	18.39	18.26	21.76	34.68	23.92	22.61	19.62	26.15	19.55	19.58	18.82	18.89
19	18.40	18.14	22.18	32.72	24.99	22.16	20.52	25.33	18.95	20.12	18.85	19.18
20	18.38	18.02	22.52	31.47	23.92	20.68	20.80	24.45	18.87	19.67	18.45	20.08
21	18.48	18.01	23.00	31.95	23.33	20.97	20.11	21.83	18.63	19.22	18.63	19.85
22	18.79	17.88	23.35	31.50	23.28	21.10	20.45	19.18	18.67	19.70	19.05	18.74
23	18.81	17.73	23.73	30.59	23.47	22.05	18.94	19.49	18.81	19.10	18.96	18.27
24	18.51	18.06	23.37	30.78	23.23	22.47	18.86	20.02	19.06	18.82	18.62	19.30
25	18.25	18.23	21.87	28.14	22.29	22.53	18.76	20.25	19.02	19.05	18.57	19.13
26	17.97	18.06	20.90	26.68	21.68	22.78	18.65	20.44	19.87	19.16	19.13	19.80
27	18.03	17.93	19.59	26.76	22.00	20.98	18.56	20.00	20.55	19.27	19.06	19.57
28	18.27	17.95	18.65	24.85	20.76	21.32	18.03	19.36	20.28	19.00	18.71	19.83
29	18.73	18.45	20.03	24.52	21.37	21.80	17.86	18.32	20.96	18.77	18.94	23.75
30	18.59	18.53	20.07	24.57	------	22.03	17.95	18.61	20.62	18.56	18.86	
31	18.16	------	20.27	26.17	------	22.81	------	19.37	------	18.67	18.90	------
MAX	19.05	18.60	30.96	47.49	30.17	41.90	22.65	27.44	20.96	20.12	20.10	39.83
MIN	17.85	17.42	18.65	19.52	20.76	20.68	17.86	18.22	18.57	18.56	18.45	17.68

02423630 Shades Creek near Greenwood, Ala.

LOCATION.--Lat 33°19'34", long 86°56'59", in W½ sec. 3, T. 20 S., R. 4 W., Jefferson County, near left bank on downstream side of bridge on county road, 1.4 mi (2.3 km) southwest of Greenwood, 5.5 mi (8.8 km) south of Bessemer, and at mile 20.8 (33.5 km).

DRAINAGE AREA.--72.4 mi^2 (187.5 km^2).

PERIOD OF RECORD.--October 1964 to September 1965, October 1966 to September 1973, October 1974 to current year (October 1965 to September 1966, annual maximum and October 1973 to September 1974, low-flow and flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 480.37 ft (146.417 m) above mean sea level.

AVERAGE DISCHARGE.--9 years (1965, 1967-73, 1975), 137 ft^3/s (3.880 m^3/s), 25.70 in/yr (653 mm/yr).

EXTREMES.--Current year: Maximum discharge, 4,140 ft^3/s (117 m^3/s) Jan. 25 (gage height, 12.22 ft or 3.725 m); minimum daily, 17 ft^3/s (0.48 m^3/s) Sept. 19-21.
Period of record: Maximum discharge, 7,220 ft^3/s (204 m^3/s) Mar. 20, 1970 (gage height, 13.04 ft or 3.975 m); minimum, 11 ft^3/s (0.31 m^3/s) Sept. 16, 1964 (gage height, 0.76 ft or 0.23 m).

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	28	91	232	131	100	337	98	34	47	228	22
2	27	25	56	177	120	111	212	62	31	35	179	21
3	26	25	48	207	468	86	420	58	29	33	104	21
4	26	23	44	333	1,450	80	185	71	28	34	70	21
5	25	57	41	201	1,540	77	151	57	27	27	71	21
6	24	54	39	169	584	74	128	53	29	25	70	21
7	23	29	90	142	321	70	111	149	31	328	59	73
8	25	26	307	518	239	99	101	280	26	496	49	83
9	25	25	115	621	201	67	166	90	24	191	45	28
10	25	24	88	485	170	74	353	73	61	147	41	24
11	23	150	78	1,300	149	93	185	58	54	100	50	26
12	24	215	74	768	157	74	140	49	338	86	45	22
13	23	53	65	795	129	294	113	45	84	54	40	21
14	23	40	59	358	109	1,940	525	41	46	44	36	19
15	26	38	79	260	100	597	793	300	42	40	52	18
16	124	35	119	200	591	300	307	320	45	39	44	18
17	49	36	75	158	582	280	219	185	35	37	79	18
18	32	43	65	141	395	510	170	118	32	49	49	18
19	27	34	71	136	289	1,200	139	81	33	39	49	17
20	25	310	93	311	209	570	118	66	47	51	48	17
21	24	208	72	159	170	320	98	57	44	222	40	17
22	25	72	64	133	143	237	87	50	38	76	35	19
23	24	57	64	120	199	221	81	45	29	49	32	70
24	25	49	1,510	144	257	415	76	42	27	42	31	240
25	25	47	2,270	2,780	153	685	72	38	26	44	29	100
26	25	57	1,030	1,750	128	290	104	34	25	257	67	60
27	24	43	342	438	115	193	82	193	37	61	50	40
28	24	39	316	282	109	159	65	58	34	46	27	32
29	25	37	473	219	------	142	61	44	162	42	24	28
30	26	42	541	179	------	280	88	42	241	43	23	25
31	27	------	325	151	------	523	------	36	------	139	22	------
TOTAL	905	1,921	8,704	13,867	9,208	10,161	5,687	2,893	1,739	2,923	1,788	1,160
MEAN	29.2	64.0	281	447	329	328	190	93.3	58.0	94.3	57.7	38.7
MAX	124	310	2,270	2,780	1,540	1,940	793	320	338	496	228	240
MIN	23	23	39	120	100	67	61	34	24	25	22	17
CFSM	.40	.88	3.88	6.17	4.54	4.53	2.62	1.29	.80	1.30	.80	.53
IN.	.47	.99	4.47	7.13	4.73	5.22	2.92	1.49	.89	1.50	.92	.60

WTR YR 1975 TOTAL 60,956 MEAN 167 MAX 2,780 MIN 17 CFSM 2.31 IN 31.32

PEAK DISCHARGE (BASE, 2,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12-25	0230	11.95	3,420	3-14	1145	11.76	3,000
1-25	1830	12.22	4,140				

02424000 Cahaba River at Centreville, Ala.

LOCATION.--Lat 32°56'42", long 87°08'21", in E½ sec. 26, T. 23 N., R. 9 E., Bibb County, on left bank 60 ft (18 m) downstream from bridge on U.S. Highway 82, 0.2 mile (0.3 km) west of Centreville, 0.5 mile (0.8 km) upstream from Gulf, Mobile & Ohio Railroad bridge, 2.5 miles (4.0 km) upstream from Sandy Creek, and at mile 81.2 (130.6 km).

DRAINAGE AREA.--1,029 mi^2 (2,665 km^2).

PERIOD OF RECORD.--August 1901 to February 1908, May 1929 to March 1932, May 1935 to current year. Gage-height records collected at same site from January 1917 to December 1971 are contained in reports of the National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 180.74 ft (55.090 m) above mean sea level. Prior to Jan. 31, 1939, nonrecording gage at same site (at datum 1.15 ft or 0.350 m lower prior to May 1929).

AVERAGE DISCHARGE.--48 years (1901-07, 1929-31, 1935-75), 1,580 ft^3/s (44.7 m^3/s), 20.85 in/yr (530 mm/yr).

EXTREMES.--Current year: Maximum discharge, 22,200 ft^3/s (629 m^3/s) Jan. 25 (gage height 25.17 or 7.672 m); minimum 308 ft^3/s (8.72 m^3/s) Oct. 26 (gage height, 1.75 ft or 0.533 m).
Period of record: Maximum discharge, 83,600 ft^3/s (2,370 m^3/s) Mar. 29, 1951; maximum gage height, 36.63 ft or 11.165 m Apr. 8, 1938; minimum discharge observed, 90 ft^3/s (2.55 m^3/s) Oct. 24-29, 1904 (gage height, -0.35 ft or -0.107 m, present datum).

REMARKS.--Records good. An average of 82 ft^3/s (2.32 m^3/s) is diverted above station by Birmingham Water Works Co., and is not included in records except about 7 ft^3/s (0.20 m^3/s) of which is returned to river above station. Flow partly regulated by Purdy Lake (capacity, 15,300 acre-ft or 18.9 hm^3) on Little Cahaba River.

REVISIONS (WATER YEARS).--WSP 682: 1901-08. WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	506	333	551	2,920	2,220	1,700	4,100	1,870	838	758	2,940	460
2	455	317	652	2,320	2,170	1,610	3,270	1,400	782	642	3,130	435
3	419	323	578	2,030	2,890	1,520	5,800	1,180	699	577	2,500	420
4	396	322	530	2,770	17,100	1,400	4,030	1,160	650	543	1,770	408
5	387	325	491	2,770	20,100	1,310	3,050	1,110	613	516	1,630	405
6	376	361	469	2,270	11,600	1,260	2,540	1,040	624	516	1,570	402
7	359	454	548	1,960	6,180	1,240	2,200	1,340	695	1,180	2,330	786
8	349	377	1,060	4,130	4,550	1,330	1,970	2,310	672	4,670	1,580	1,730
9	341	352	1,220	7,370	3,630	1,240	2,640	2,220	650	2,100	1,220	1,150
10	341	348	960	5,210	3,100	1,210	5,810	1,870	754	2,200	1,300	774
11	340	546	819	9,170	2,700	1,630	3,960	1,460	842	1,990	1,660	838
12	334	1,340	737	7,300	3,580	1,500	3,130	1,200	1,050	2,190	1,480	750
13	329	965	678	6,520	3,210	1,960	2,470	1,060	1,450	1,300	1,140	602
14	332	665	625	4,580	2,590	12,000	7,630	1,010	1,050	966	924	533
15	345	558	591	3,390	2,260	9,740	12,100	1,610	842	806	806	480
16	524	510	752	2,750	4,720	6,390	6,790	3,000	814	699	730	460
17	695	484	800	2,310	8,190	5,640	4,370	3,600	766	650	742	460
18	555	463	686	1,980	5,700	7,650	3,380	2,440	676	617	966	467
19	462	480	651	1,830	4,830	11,200	2,770	1,750	661	606	1,020	473
20	399	495	693	2,280	3,850	8,090	2,340	1,440	774	620	822	454
21	360	1,200	735	2,280	3,060	5,100	2,000	1,230	726	1,020	790	438
22	346	1,080	653	1,840	2,610	3,830	1,760	1,090	738	1,400	707	502
23	332	761	628	1,670	2,510	3,120	1,610	975	738	966	620	1,360
24	326	630	8,070	1,590	3,070	6,330	1,510	907	610	818	560	5,080
25	316	578	13,400	15,200	2,620	8,120	1,430	838	536	1,060	522	3,110
26	312	550	9,430	20,500	2,200	4,670	1,420	802	509	1,480	533	2,000
27	314	532	4,920	10,300	1,950	3,360	1,420	834	526	2,290	574	1,360
28	322	489	3,200	4,850	1,810	2,780	1,320	1,080	536	1,330	610	1,100
29	319	453	3,190	3,630	------	2,440	1,230	954	628	1,000	522	941
30	328	462	3,800	2,980	------	4,680	1,660	894	703	862	476	822
31	332	------	3,840	2,540	------	6,590	------	850	------	1,090	457	------
TOTAL	11,851	16,753	65,957	143,240	135,000	130,640	99,710	44,529	22,152	37,462	36,631	29,200
MEAN	382	558	2,128	4,621	4,821	4,214	3,324	1,436	738	1,208	1,182	973
MAX	695	1,340	13,400	20,500	20,100	12,000	12,100	3,600	1,450	4,670	3,130	5,080
MIN	312	317	469	1,590	1,810	1,210	1,230	802	509	516	457	402
CFSM	.37	.54	2.07	4.49	4.69	4.10	3.23	1.40	.72	1.17	1.15	.95
IN.	.43	.61	2.38	5.18	4.88	4.72	3.60	1.61	.80	1.35	1.32	1.06

CAL YR 1974 TOTAL 619,053 MEAN 1,696 MAX 25,200 MIN 312 CFSM 1.65 IN 22.38
WTR YR 1975 TOTAL 773,125 MEAN 2,118 MAX 20,500 MIN 312 CFSM 2.06 IN 27.95

PEAK DISCHARGE (BASE, 20,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-25	2300	25.17	22,200	2-05	0400	24.97	21,600

02424000 Cahaba River at Centreville, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.42	1.84	2.57	7.29	6.12	5.15	9.38	5.50	3.30	3.10	7.32	2.27
2	2.25	1.79	2.88	6.28	6.04	4.98	7.87	4.54	3.16	2.80	7.63	2.19
3	2.14	1.81	2.65	5.80	7.20	4.79	11.29	4.10	2.95	2.62	6.57	2.14
4	2.06	1.80	2.50	7.04	20.97	4.55	9.28	4.06	2.82	2.52	5.30	2.10
5	2.03	1.82	2.38	7.03	24.42	4.38	7.50	3.95	2.72	2.44	5.02	2.09
6	1.99	1.94	2.30	6.20	20.35	4.28	6.65	3.79	2.75	2.44	4.90	2.08
7	1.93	2.25	2.56	5.67	12.93	4.23	6.08	4.38	2.94	3.93	6.28	3.14
8	1.90	1.99	3.97	8.50	9.79	4.41	5.69	6.26	2.88	9.95	4.91	5.20
9	1.87	1.91	4.37	14.20	8.46	4.24	6.50	6.10	2.82	5.91	4.20	4.03
10	1.87	1.89	3.75	10.72	7.59	4.17	11.53	5.50	3.09	6.03	4.35	3.14
11	1.87	2.53	3.37	15.62	6.91	5.01	9.12	4.67	3.31	5.74	5.07	3.30
12	1.85	4.63	3.13	14.10	8.38	4.76	7.64	4.14	3.82	6.05	4.71	3.08
13	1.83	3.75	2.96	12.60	7.77	5.41	6.53	3.84	4.60	4.34	4.02	2.69
14	1.84	2.92	2.80	10.10	6.73	17.91	11.86	3.71	3.81	3.61	3.51	2.49
15	1.89	2.59	2.69	8.07	6.19	18.24	20.11	4.94	3.31	3.22	3.22	2.33
16	2.48	2.44	3.18	7.00	9.26	12.41	14.08	7.26	3.24	2.95	3.03	2.27
17	3.01	2.35	3.31	6.26	14.98	11.64	9.73	8.41	3.12	2.82	3.06	2.27
18	2.58	2.28	2.99	5.71	11.81	12.99	8.05	6.45	2.89	2.73	3.61	2.29
19	2.28	2.34	2.88	5.41	10.18	18.87	7.04	5.26	2.84	2.70	3.73	2.31
20	2.07	2.39	3.00	6.20	8.78	15.94	6.30	4.62	3.14	2.74	3.26	2.25
21	1.94	4.27	3.13	6.21	7.52	10.93	5.75	4.21	3.01	3.71	3.17	2.20
22	1.89	4.05	2.88	5.44	6.76	8.76	5.28	3.89	3.04	4.54	2.97	2.40
23	1.84	3.20	2.80	5.10	6.60	7.61	4.98	3.63	3.05	3.60	2.74	4.27
24	1.82	2.81	12.79	4.93	7.53	10.91	4.60	3.47	2.71	3.25	2.57	10.54
25	1.78	2.65	20.55	17.00	6.79	15.74	4.62	3.30	2.50	3.83	2.46	7.85
26	1.77	2.56	18.06	24.61	6.09	10.36	4.59	3.21	2.42	4.67	2.49	5.36
27	1.78	2.51	10.92	19.62	5.66	8.02	4.58	3.29	2.47	6.18	2.61	4.46
28	1.80	2.37	7.86	10.69	5.38	7.05	4.40	3.87	2.50	4.40	2.71	3.93
29	1.79	2.25	7.73	8.46	------	6.48	4.21	3.58	2.76	3.69	2.46	3.54
30	1.83	2.28	8.71	7.38	------	9.38	5.07	3.45	2.96	3.36	2.32	3.26
31	1.84	------	8.77	6.65	------	12.99	------	3.33	------	3.85	2.26	------
MAX	3.01	4.63	20.55	24.61	24.42	18.87	20.11	8.41	4.60	9.95	7.63	10.54
MIN	1.77	1.79	2.30	4.93	5.38	4.17	4.21	3.21	2.42	2.44	2.26	2.08

CAL YR 1974 MAX 26.27 MIN 1.77
WTR YR 1975 MAX 24.61 MIN 1.77

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.56	1.78	3.70	26.27	7.06	5.63	5.24	3.48	3.70	2.00	1.88	3.56
2	4.73	1.78	3.24	18.04	6.67	5.39	9.27	3.40	4.40	1.96	1.85	6.21
3	3.16	1.76	2.95	11.09	6.20	5.15	11.41	3.33	4.15	1.99	1.86	6.77
4	2.64	1.75	2.95	9.73	5.78	4.88	11.21	3.37	3.66	2.23	2.26	4.74
5	2.41	1.82	4.31	9.01	5.25	4.67	16.11	4.50	3.33	2.25	2.17	3.65
6	2.25	1.79	4.09	8.18	5.36	4.47	11.18	3.97	3.32	2.32	1.96	3.08
7	2.14	1.77	3.34	9.88	9.84	4.28	8.13	3.66	3.38	2.39	2.20	2.76
8	2.08	1.87	3.05	12.37	10.69	4.11	6.90	3.26	3.22	2.50	5.06	5.01
9	2.06	2.71	2.88	10.62	9.54	3.96	6.09	3.13	3.10	2.28	5.45	5.46
10	1.97	3.42	2.75	9.65	7.73	3.86	5.41	3.07	3.20	2.20	3.73	7.56
11	1.91	2.54	2.62	11.59	6.77	3.76	4.97	3.04	3.15	2.69	2.84	6.49
12	1.88	2.13	2.51	13.11	6.09	3.78	5.46	3.31	2.96	2.60	2.50	4.48
13	1.85	2.02	2.49	10.75	5.67	3.73	20.72	3.32	2.79	2.48	3.72	3.81
14	1.86	1.93	2.43	8.43	5.40	3.62	20.06	3.24	2.75	2.16	4.65	3.64
15	1.90	1.91	2.76	7.84	13.98	3.47	14.89	3.04	3.02	2.18	3.08	3.60
16	1.89	2.08	3.38	7.35	17.41	3.43	10.11	3.38	2.72	2.24	2.82	3.16
17	1.85	2.13	3.10	6.66	13.36	3.41	8.05	3.44	2.55	2.33	2.98	2.82
18	1.81	2.00	2.77	6.21	10.13	3.34	6.85	3.08	2.45	2.25	2.52	2.57
19	1.79	1.93	2.62	5.79	10.34	3.42	6.11	2.89	2.43	2.14	2.37	2.41
20	1.76	1.90	3.47	5.96	10.67	5.72	5.61	2.88	2.38	2.13	2.22	2.30
21	1.74	2.34	5.45	7.83	8.61	7.18	5.14	3.34	2.32	2.45	2.08	2.22
22	1.74	3.49	4.64	6.69	16.63	6.78	5.06	3.77	2.26	2.16	1.99	2.18
23	1.74	3.11	4.03	6.10	15.61	5.62	6.08	8.45	2.23	2.07	1.93	2.10
24	1.71	2.69	3.66	7.84	10.44	5.05	5.51	5.99	2.20	2.01	1.88	2.09
25	1.69	2.50	3.51	7.57	8.35	4.62	4.82	4.40	2.16	2.11	1.85	2.08
26	1.68	2.85	14.55	7.34	7.16	4.35	4.44	4.76	2.13	2.16	1.84	2.63
27	1.67	3.05	23.89	8.06	6.45	4.25	4.15	8.13	2.11	2.71	1.78	3.47
28	1.69	6.31	17.55	8.57	5.97	4.24	3.93	7.79	2.07	2.77	1.79	3.04
29	1.71	7.68	8.82	11.74	------	5.07	3.75	5.52	2.04	2.51	2.64	2.96
30	1.72	4.74	8.89	10.31	------	6.36	3.60	4.56	2.02	2.16	2.46	2.70
31	1.81	------	16.65	8.21	------	5.70	------	4.01	------	1.99	3.79	------
MAX	6.56	7.68	23.89	26.27	17.41	7.18	20.72	8.45	4.40	2.77	5.45	7.56
MIN	1.67	1.75	2.43	5.79	5.25	3.34	3.60	2.88	2.02	1.96	1.78	2.08

CAL YR 1973 MAX 23.89 MIN 1.67
WTR YR 1974 MAX 26.27 MIN 1.67

02424000 Cahaba River at Centreville, Ala. -Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.58	3.00	4.90	16.45	5.52	3.56	22.90	5.76	5.75	3.71	3.85	2.38
2	3.72	2.82	4.48	10.86	6.47	3.61	16.13	5.25	7.57	3.71	4.07	2.90
3	2.94	2.84	4.09	8.51	6.37	5.48	10.24	5.00	5.35	4.55	3.51	2.83
4	2.50	3.24	3.85	9.31	5.75	6.04	8.57	4.97	4.52	3.74	3.09	2.54
5	2.27	3.05	3.74	8.58	5.39	7.51	7.37	4.55	4.29	3.71	2.89	2.33
6	2.07	2.74	4.43	8.97	5.17	7.42	6.48	4.21	4.08	3.92	2.76	2.23
7	1.93	2.63	5.94	13.95	5.03	6.57	13.12	4.20	4.74	5.38	2.74	2.20
8	1.81	3.04	5.43	21.79	5.01	6.30	21.91	6.78	10.80	4.74	2.87	2.18
9	1.73	3.72	4.90	20.98	5.42	5.67	15.73	12.74	7.14	4.59	3.41	2.13
10	1.68	3.36	4.57	14.44	5.19	5.26	10.12	9.77	5.41	5.10	3.62	2.10
11	1.63	3.00	5.30	9.95	4.81	6.40	8.16	6.31	5.00	4.90	3.21	2.06
12	1.63	2.77	6.02	8.26	4.57	11.03	7.17	5.69	5.67	4.28	4.19	1.99
13	1.56	2.67	5.42	7.12	4.41	8.76	6.51	6.81	10.25	3.89	3.94	1.97
14	1.54	4.38	5.10	6.40	7.24	7.15	5.94	5.70	7.15	4.36	3.52	2.00
15	1.65	5.83	11.70	5.91	10.13	6.31	5.53	4.91	5.93	5.53	3.61	1.98
16	2.07	4.41	15.84	5.48	7.89	7.18	5.23	4.45	5.50	5.38	3.31	2.00
17	2.28	3.78	10.43	5.11	6.63	16.07	5.24	4.10	6.10	6.57	3.48	2.01
18	2.08	3.43	7.41	4.87	5.95	14.49	5.18	3.85	5.59	6.39	4.74	1.93
19	1.84	3.43	6.29	7.53	5.52	9.22	6.51	3.66	13.67	7.33	4.01	1.87
20	1.69	4.03	5.79	9.91	5.15	7.81	6.22	4.02	14.47	6.59	3.38	1.84
21	1.64	4.10	7.39	7.91	4.82	8.38	5.24	5.75	7.96	5.01	3.04	1.83
22	1.66	3.73	10.50	14.64	4.58	7.53	4.75	4.79	6.07	4.24	2.79	1.81
23	2.55	3.45	8.72	15.96	4.40	6.43	4.51	4.28	5.68	3.76	2.63	1.80
24	3.73	3.19	6.99	10.27	4.22	5.92	4.45	4.73	4.91	3.47	2.52	1.78
25	2.93	3.61	6.10	7.93	4.06	14.30	7.89	5.14	4.39	3.35	2.43	1.77
26	2.30	6.59	5.50	7.49	3.91	15.43	12.75	4.81	4.41	3.24	2.35	1.77
27	2.52	5.93	5.04	8.99	3.81	10.25	11.88	6.59	4.66	3.78	2.29	1.77
28	5.46	4.94	4.67	7.74	3.68	8.04	10.45	10.21	4.25	4.47	2.23	1.79
29	6.04	4.39	4.39	6.89	------	6.96	7.88	9.75	4.84	3.55	2.21	1.86
30	4.06	4.38	4.17	6.17	------	6.42	6.53	6.84	4.23	3.29	2.28	3.57
31	3.36	------	13.02	5.70	------	17.59	------	5.39	------	3.50	2.50	------
MAX	6.04	6.59	15.84	21.79	10.13	17.59	22.90	12.74	14.47	7.33	4.74	3.57
MIN	1.54	2.63	3.74	4.87	3.68	3.56	4.45	3.66	4.09	3.24	2.21	1.77

CAL YR 1972 MAX 28.47 MIN 1.39
WTR YR 1973 MAX 22.90 MIN 1.54

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.65	1.99	2.80	3.81	10.13	5.14	4.62	2.88	2.22	2.47	2.83	1.48
2	2.47	2.07	2.51	5.66	8.55	13.56	4.45	2.84	2.26	2.25	2.53	1.45
3	2.34	2.24	6.87	8.98	8.30	18.99	4.27	2.87	2.18	2.38	2.07	1.43
4	2.24	2.71	9.42	19.18	8.35	13.06	4.89	2.83	2.14	2.38	1.90	1.57
5	2.45	2.64	5.95	27.16	7.32	9.51	5.41	2.77	2.10	2.47	1.86	1.69
6	3.61	2.18	5.35	20.47	7.21	7.94	4.93	2.71	2.07	2.31	1.82	4.16
7	3.49	2.02	19.72	12.88	11.45	6.99	4.64	2.63	2.02	2.17	1.75	3.22
8	2.73	1.92	19.65	9.48	10.26	8.02	4.61	2.73	2.00	2.02	1.69	2.29
9	2.39	1.86	10.59	8.43	8.35	8.96	4.69	2.75	1.98	1.91	1.63	1.85
10	2.26	1.87	7.24	21.49	7.40	7.68	4.44	2.65	2.00	1.93	2.17	1.68
11	2.15	1.86	6.26	28.47	6.73	6.85	4.25	2.59	2.95	1.84	2.07	1.58
12	2.09	1.88	5.49	24.56	6.42	6.29	4.16	2.57	2.36	1.81	1.84	1.51
13	2.04	1.86	5.06	17.16	6.79	5.87	4.09	3.76	2.11	1.82	2.56	1.46
14	2.02	1.86	4.83	12.16	6.36	5.79	3.96	6.31	2.05	1.84	4.41	1.43
15	1.99	1.85	4.53	9.61	5.91	5.61	3.82	5.66	2.04	1.79	2.64	1.41
16	1.97	1.84	4.37	8.14	5.74	5.98	3.77	4.27	2.01	1.98	2.13	1.39
17	1.95	1.82	4.66	7.34	5.89	7.08	3.85	3.58	2.04	2.16	1.92	1.40
18	2.14	1.80	6.42	6.85	6.29	6.37	3.68	3.37	2.16	1.95	1.79	2.41
19	1.99	1.80	5.95	6.49	6.62	6.22	3.46	3.22	2.05	1.85	1.71	3.78
20	1.90	1.86	5.62	6.56	5.99	5.77	3.31	2.96	2.09	1.79	1.63	3.55
21	1.98	1.86	7.96	7.09	5.65	5.45	3.25	2.77	2.06	1.76	1.60	2.62
22	2.01	1.82	6.47	6.93	5.49	5.47	3.52	2.66	2.08	1.76	2.02	2.10
23	2.07	1.83	5.58	6.97	5.43	5.33	4.37	2.60	1.94	1.89	2.37	1.83
24	2.29	2.21	5.03	6.39	5.25	4.99	3.72	2.52	1.85	1.83	2.21	1.83
25	2.60	2.69	4.69	6.03	5.08	4.98	3.40	2.58	1.94	1.88	1.97	1.79
26	2.91	2.74	4.44	5.67	4.98	5.35	3.19	2.57	2.58	2.16	1.87	2.06
27	2.61	2.31	4.24	5.37	4.96	5.08	3.07	2.51	3.35	2.04	1.72	5.23
28	2.32	2.16	4.05	5.25	4.72	4.97	3.00	2.37	3.29	2.14	1.78	4.67
29	2.17	2.45	3.91	5.70	4.57	5.12	2.93	2.30	3.89	2.05	1.81	3.68
30	2.07	2.73	3.85	10.93	------	5.06	2.90	2.27	2.95	1.99	1.59	3.19
31	2.02	------	4.05	12.82	------	4.76	------	2.24	------	2.50	1.52	------
MAX	3.61	2.74	19.72	28.47	11.45	18.99	5.41	6.31	3.89	2.50	4.41	5.23
MIN	1.90	1.80	2.51	3.81	4.57	4.76	2.90	2.24	1.85	1.76	1.52	1.39

CAL YR 1971 MAX 25.10 MIN 1.80
WTR YR 1972 MAX 28.47 MIN 1.39

02425000 Cahaba River near Marion Junction, Ala.

LOCATION.--Lat 32°26'38", long 87°10'49", in SE¼ sec. 16, T. 17 N., R. 9 E., Dallas County, on right bank 10 ft (3 m) downstream from bridge on U.S. Highway 80, 3.8 mi (6.1 km) downstream from Oakmulgee Creek, 3.5 mi (5.6 km) east of Marion Junction, and 21.4 mi (34.4 km) above the mouth.

DRAINAGE AREA.--1,768 mi^2 (4,579 km^2).

PERIOD OF RECORD.--October 1938 to September 1954, October 1968 to current year. Monthly discharge only October to December 1938, published in WSP 1304. Gage-height records collected at same site from 1939 to 1971 are contained in reports of the National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 86.72 ft (26.432 m) above mean sea level (levels by Corps of Engineers). Auxiliary water-stage recorder 6.2 mi (10 km) downstream from base gage at same datum. October 1940 to September 1954, nonrecording gage 12 mi (19 km) downstream from base gage at same datum.

AVERAGE DISCHARGE.--23 years (1938-54, 1968-74), 2,809 ft^3/s (79.55 m^3/s), 21.58 in/yr (548 mm/yr).

EXTREMES.--Current year: Maximum discharge, 20,300 ft^3/s (575 m^3/s) Feb. 8 (gage height, 28.75 ft or 8.763 m); minimum, 600 ft^3/s (16.9 m^3/s) Sept. 5.

Period of record: Maximum discharge, 83,400 ft^3/s (2,360 m^3/s) Aug. 16, 1939 (gage height, 42.95 ft or 13.091 m); minimum observed, 224 ft^3/s (6.34 m^3/s) Sept. 16, 1954 (gage height, 0.80 ft or 0.244 m).

Flood of Feb. 24, 1961, reached a stage of 43.80 ft (13.350 m), present datum, from floodmarks (discharge not determined).

REMARKS.--Records fair. For diversion above station see Remarks for station at Centreville.

REVISIONS.--WSP 1304: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,640	640	1,180	5,920	4,500	3,290	8,020	4,160	1,530	1,380	6,410	747
2	1,320	635	1,200	4,790	4,050	3,010	8,560	3,830	1,410	1,300	7,170	709
3	1,120	628	1,250	3,930	4,090	2,750	12,900	2,760	1,260	1,180	6,740	670
4	996	620	1,160	3,970	6,290	2,510	15,400	2,300	1,120	1,140	4,980	633
5	921	665	1,070	4,580	11,200	2,270	13,700	2,100	1,030	1,090	3,600	609
6	888	669	1,020	4,640	15,100	2,090	8,900	2,020	1,000	972	3,470	654
7	858	660	1,210	3,760	19,000	1,960	5,560	1,920	1,130	987	4,320	828
8	816	723	1,370	5,300	19,900	1,930	4,060	2,360	1,380	1,870	4,530	1,750
9	786	710	1,820	9,490	15,600	1,930	3,550	3,850	1,400	5,420	4,050	2,350
10	752	652	2,110	11,800	8,660	1,890	6,560	3,830	1,460	3,910	3,800	1,930
11	732	772	1,700	13,700	5,550	2,070	8,710	3,400	1,630	3,240	3,320	2,220
12	715	1,560	1,550	13,800	5,670	2,510	8,550	2,570	1,680	3,120	3,430	1,390
13	697	1,910	1,440	14,500	6,800	2,580	5,960	2,040	1,960	2,960	3,250	1,330
14	683	1,790	1,340	13,800	6,280	7,180	7,870	1,750	2,210	2,010	2,350	1,020
15	708	1,300	1,490	9,930	4,940	10,200	14,400	1,680	2,450	1,520	1,770	870
16	1,010	1,100	1,510	5,160	7,010	13,300	18,700	2,340	2,200	1,510	1,510	782
17	1,080	1,000	1,530	5,010	12,300	14,500	19,300	4,360	1,870	1,830	1,440	753
18	1,250	954	1,560	4,270	14,100	13,500	16,200	5,330	1,540	1,130	1,500	793
19	1,080	915	1,590	3,750	15,300	12,900	10,000	4,210	1,310	1,020	1,680	797
20	901	1,100	1,740	3,790	13,900	13,800	5,290	2,880	1,250	964	1,810	776
21	802	1,230	1,620	4,030	10,900	15,200	4,110	2,240	1,650	1,100	1,480	731
22	733	1,560	1,570	3,880	7,960	14,700	3,500	1,900	1,620	1,900	1,300	756
23	700	1,770	1,450	3,310	6,300	10,600	3,050	1,680	1,400	2,290	1,160	2,020
24	681	1,350	6,690	3,140	6,040	8,030	2,750	1,500	1,300	1,750	1,040	3,350
25	667	1,180	13,200	7,160	5,770	9,450	2,540	1,370	1,120	1,430	943	6,780
26	657	1,120	14,300	10,500	5,010	10,900	2,350	1,270	1,020	1,740	912	6,000
27	643	1,080	15,500	13,900	4,120	10,800	2,280	1,310	966	2,610	930	3,900
28	639	1,040	14,500	17,500	3,620	6,650	2,210	1,440	963	3,280	920	2,510
29	634	979	9,650	17,900	------	4,580	2,110	1,570	1,180	2,670	928	1,780
30	632	1,060	5,960	12,400	------	4,240	3,310	1,650	1,560	2,070	823	1,490
31	633	------	5,960	5,850	------	5,970	------	1,640	------	3,570	772	------
TOTAL	26,374	31,372	119,240	245,560	249,960	217,290	230,400	77,260	43,599	62,963	82,338	50,928
MEAN	851	1,046	3,846	7,921	8,927	7,009	7,680	2,492	1,453	2,031	2,656	1,698
MAX	1,640	1,910	15,500	17,900	19,900	15,200	19,300	5,330	2,450	5,420	7,170	6,780
MIN	632	620	1,020	3,140	3,620	1,890	2,110	1,270	963	964	772	609
CFSM	.48	.59	2.18	4.48	5.05	3.96	4.34	1.41	.82	1.15	1.50	.96
IN.	.55	.66	2.51	5.17	5.26	4.57	4.85	1.63	.92	1.32	1.73	1.07

CAL YR 1974 TOTAL 1,150,110 MEAN 3,151 MAX 21,600 MIN 596 CFSM 1.78 IN 24.20
WTR YR 1975 TOTAL 1,437,284 MEAN 3,938 MAX 19,900 MIN 609 CFSM 2.23 IN 30.24

PEAK DISCHARGE (BASE, 14,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-25	2300	24.40	16,100	3-17	0700	24.05	14,700
1-29	0300	27.24	18,700	3-21	2000	25.07	15,500
2-08	0500	28.75	20,300	4-04	1300	25.59	15,600
2-19	1200	24.24	15,400	4-17	0500	29.22	19,700

02425000 Cahaba River near Marion Junction, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.23	2.26	3.35	11.21	9.50	7.86	15.72	9.72	4.48	3.72	12.10	2.85
2	3.58	2.26	3.40	9.60	8.84	7.42	16.51	9.16	4.21	3.53	13.20	2.77
3	3.18	2.24	3.51	8.35	8.91	7.00	22.30	7.35	3.91	3.32	12.60	2.67
4	2.94	2.22	3.31	8.42	12.07	6.63	25.35	6.55	3.61	3.24	10.10	2.58
5	2.80	2.34	3.13	9.35	18.83	6.27	23.24	6.20	3.43	3.16	8.00	2.52
6	2.73	2.35	3.01	9.44	23.63	5.99	17.08	6.03	3.35	2.93	7.80	2.62
7	2.66	2.34	3.40	8.10	27.57	5.82	12.37	5.82	3.58	2.97	9.20	3.01
8	2.58	2.48	3.71	10.40	28.33	5.78	10.16	6.55	4.07	4.65	9.60	4.89
9	2.51	2.45	4.59	16.40	24.19	5.82	9.31	9.01	4.11	10.40	8.80	5.93
10	2.44	2.33	5.13	19.40	15.46	5.76	13.73	8.93	4.20	8.20	8.40	5.19
11	2.40	2.60	4.35	21.80	11.08	6.12	16.77	8.20	4.53	7.10	7.62	5.67
12	2.36	4.22	4.06	21.90	11.26	6.88	16.52	6.78	4.62	6.90	7.80	4.16
13	2.33	4.87	3.82	22.80	12.87	7.02	12.79	5.86	5.14	6.65	7.50	4.03
14	2.30	4.64	3.62	22.00	12.15	13.99	15.43	5.30	5.55	5.06	6.00	3.40
15	2.36	3.67	3.91	17.10	10.24	18.23	23.95	5.14	5.92	4.13	4.99	3.09
16	3.02	3.28	3.96	10.30	13.20	22.26	28.37	6.29	5.49	4.10	4.46	2.89
17	3.15	3.07	4.00	10.10	20.42	23.81	28.88	9.53	4.90	4.70	4.31	2.83
18	3.50	2.97	4.09	9.05	22.58	22.50	25.82	10.95	4.23	3.39	4.42	2.91
19	3.18	2.89	4.15	8.22	24.07	21.76	18.30	9.25	3.76	3.20	4.80	2.91
20	2.80	3.24	4.47	8.30	22.40	23.01	11.64	7.04	3.63	3.09	5.04	2.87
21	2.59	3.51	4.25	8.71	18.66	24.74	9.90	5.97	4.41	3.38	4.38	2.77
22	2.44	4.16	4.16	8.47	14.62	24.08	8.87	5.36	4.34	4.94	4.02	2.81
23	2.37	4.58	3.92	7.51	12.25	18.92	8.10	4.91	3.88	7.90	3.75	5.28
24	2.34	3.72	12.22	7.25	11.89	15.49	7.57	4.55	3.66	4.70	3.51	7.53
25	2.31	3.38	20.98	13.23	11.51	17.55	7.19	4.28	3.29	4.08	3.31	12.65
26	2.28	3.27	22.35	18.10	10.43	19.56	6.85	4.05	3.07	4.71	3.23	11.53
27	2.26	3.19	23.80	22.20	9.16	19.38	6.70	4.11	2.95	6.24	3.27	8.44
28	2.25	3.10	22.65	26.04	8.37	13.65	6.55	4.36	2.93	7.38	3.25	6.16
29	2.24	2.97	16.50	26.50	------	10.72	6.38	4.62	3.35	6.37	3.26	4.88
30	2.24	3.14	11.25	20.33	------	10.26	8.34	4.75	4.10	5.39	3.02	4.30
31	2.24	------	11.25	11.41	------	12.75	------	4.72	------	6.93	2.91	------
MAX	4.23	4.87	23.80	26.50	28.33	24.74	28.88	10.95	5.92	10.40	13.20	12.65
MIN	2.24	2.22	3.01	7.25	8.37	5.76	6.38	4.05	2.93	2.93	2.91	2.52

CAL YR 1974 MAX 29.46 MIN 2.04
WTR YR 1975 MAX 28.88 MIN 2.22

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.26	1.99	5.69	17.54	11.37	8.19	7.38	4.54	5.03	2.68	2.22	4.01
2	6.90	2.02	4.23	22.80	9.55	7.64	10.15	4.37	5.46	2.62	2.09	5.00
3	5.85	2.00	3.62	28.80	8.75	7.23	12.33	4.24	5.82	2.58	2.04	7.98
4	3.91	1.98	3.36	29.46	8.00	6.83	15.27	4.16	5.57	2.65	2.04	7.93
5	3.13	2.05	3.65	25.20	7.32	6.44	15.58	4.38	5.00	2.72	2.19	5.70
6	2.78	2.12	4.50	17.30	6.71	6.12	17.72	5.17	6.00	2.96	2.29	4.38
7	2.58	2.12	4.83	12.00	8.03	5.84	18.80	5.12	6.20	2.83	2.25	3.81
8	2.43	2.12	3.90	12.42	12.05	5.55	13.56	4.52	5.22	2.69	3.99	9.82
9	2.34	2.37	3.45	15.30	13.15	5.30	10.07	3.99	4.50	2.72	7.04	11.34
10	2.28	2.99	3.24	15.45	12.19	5.10	8.58	3.82	4.44	2.58	6.70	10.18
11	2.21	3.64	3.10	13.83	9.87	4.93	7.49	3.74	4.47	2.59	4.82	10.38
12	2.14	3.05	2.99	14.50	8.48	4.91	6.79	4.07	4.20	2.69	3.60	8.48
13	2.09	2.58	2.90	15.54	7.61	4.88	11.68	4.29	4.45	2.84	4.30	5.73
14	2.06	2.38	2.84	14.99	7.01	4.73	18.45	4.22	4.60	2.96	5.72	4.92
15	2.04	2.28	2.82	11.57	8.56	4.55	23.00	3.90	4.44	2.84	5.64	4.67
16	2.07	2.25	3.11	10.23	15.49	4.41	25.77	4.10	4.36	2.75	3.91	4.48
17	2.10	2.29	3.68	9.51	19.71	4.33	23.80	4.05	3.81	2.71	3.26	3.99
18	2.08	2.34	3.64	8.59	20.98	4.25	16.02	4.09	3.46	2.75	3.32	3.52
19	2.03	2.29	3.19	7.92	18.73	4.24	10.25	3.78	3.26	2.85	3.21	3.20
20	2.00	2.22	3.40	7.94	15.51	6.22	8.77	3.44	3.19	2.81	2.88	2.99
21	1.98	2.38	4.42	9.63	14.93	8.96	7.88	3.38	3.08	2.86	2.68	2.85
22	1.95	3.01	6.07	10.75	15.06	10.56	7.15	3.91	2.94	2.90	2.48	2.73
23	1.93	3.53	5.62	9.97	17.44	9.60	7.26	7.32	2.82	2.74	2.36	2.62
24	1.92	3.79	4.65	10.00	20.08	7.77	8.02	11.54	2.75	2.44	2.27	2.52
25	1.91	3.12	4.17	10.49	19.38	6.67	7.65	10.00	2.71	2.34	2.21	2.48
26	1.89	2.87	6.48	10.83	13.21	6.03	6.46	7.30	2.63	2.43	2.14	5.54
27	1.87	2.93	14.41	10.53	10.07	5.66	5.78	8.10	2.54	2.71	2.10	8.00
28	1.86	4.10	18.50	10.96	8.91	5.60	5.34	9.91	2.59	2.93	2.08	6.07
29	1.86	6.07	19.80	12.25	------	6.82	4.99	10.17	2.67	2.96	2.05	5.26
30	1.87	8.48	19.40	14.42	------	7.49	4.73	7.38	2.69	2.85	2.44	4.81
31	1.91	------	17.01	14.44	------	8.36	------	5.70	------	2.46	2.79	------
MAX	6.90	8.48	19.80	29.46	20.98	10.56	25.77	11.54	6.20	2.96	7.04	11.34
MIN	1.86	1.98	2.82	7.92	6.71	4.24	4.73	3.38	2.54	2.34	2.04	2.48

CAL YR 1973 MAX 25.66 MIN 1.86
WTR YR 1974 MAX 29.46 MIN 1.86

02425000 Cahaba River near Marion Junction, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.44	3.26	4.68	14.46	7.00	4.28	21.10	12.29	2.51	4.90	4.40	2.73
2	4.12	2.92	4.99	17.82	7.14	4.20	24.10	9.65	2.49	4.30	4.60	2.85
3	3.70	2.81	4.61	17.64	7.88	4.44	26.90	8.06	2.47	4.40	4.60	3.04
4	2.95	2.84	4.16	12.42	7.79	6.05	26.30	7.29	2.42	4.60	4.18	3.21
5	2.54	2.98	3.93	11.73	6.90	7.07	21.20	6.89	2.40	4.50	3.50	3.05
6	2.28	2.94	4.87	10.83	6.38	8.49	13.00	6.27	2.41	5.30	3.40	2.88
7	2.13	2.84	5.30	11.87	6.06	8.77	13.52	5.91	2.41	5.20	3.20	2.74
8	1.99	2.83	6.52	18.61	6.06	8.31	18.44	10.50	2.39	5.90	3.10	2.69
9	1.88	2.98	6.09	21.33	7.30	7.71	22.08	13.70	2.38	5.50	3.00	2.66
10	1.80	3.42	5.29	24.07	7.00	6.79	25.36	14.40	2.36	5.20	3.29	2.61
11	1.74	3.29	4.86	25.66	6.53	7.43	24.25	13.20	2.48	5.28	3.85	2.55
12	1.70	2.97	5.35	22.74	5.90	11.14	16.81	9.80	2.66	5.28	3.75	2.51
13	1.67	3.01	6.24	14.14	5.50	13.86	10.87	8.40	2.64	5.28	3.98	2.49
14	1.64	3.65	5.70	9.73	7.14	12.67	9.25	8.71	2.41	6.30	4.55	2.49
15	1.62	4.14	7.11	8.44	9.99	9.90	8.27	7.49	2.37	8.10	4.21	2.51
16	1.62	5.81	12.32	7.63	12.36	10.99	7.63	6.35	2.35	8.30	4.26	2.49
17	1.71	4.64	15.89	6.98	10.13	15.11	7.48	5.68	2.35	8.50	6.14	2.45
18	2.07	3.80	14.95	6.45	8.23	17.96	7.57	5.20	2.33	9.20	4.71	2.40
19	1.99	3.45	9.19	6.37	7.27	20.00	8.92	4.88	2.32	9.00	5.50	2.36
20	1.83	3.44	8.08	8.78	6.65	17.27	9.24	4.81	2.33	8.80	4.99	2.30
21	1.76	3.78	10.24	11.36	6.14	13.09	8.50	5.39	2.32	9.20	3.95	2.26
22	1.69	3.98	11.02	11.70	5.71	12.14	7.08	6.70	2.31	7.00	3.43	2.23
23	2.08	3.64	13.00	14.91	5.40	10.75	6.29	5.78	2.31	5.50	3.12	2.22
24	2.71	3.38	11.51	17.64	5.16	9.04	5.90	5.53	2.31	4.70	2.91	2.19
25	3.59	3.52	8.80	16.22	4.95	14.77	16.31	6.57	6.40	4.20	2.77	2.18
26	3.17	4.27	7.30	10.85	4.74	17.66	22.01	7.38	5.70	4.30	2.67	2.16
27	2.79	6.65	6.40	10.23	4.58	20.16	22.77	7.75	5.30	4.50	2.59	2.16
28	2.88	6.32	5.70	11.10	4.43	19.58	23.10	10.02	5.40	4.60	2.54	2.16
29	4.60	5.13	5.20	9.81	------	13.16	21.18	10.06	5.30	5.90	2.52	2.17
30	5.80	4.64	5.80	8.50	------	12.60	16.40	10.06	5.50	4.50	2.54	2.52
31	4.01	------	9.50	7.57	------	18.00	------	9.90	------	4.00	2.59	------
MAX	5.80	6.65	15.89	25.66	12.36	20.16	26.90	14.40	17.33	9.20	6.14	3.21
MIN	1.62	2.81	3.93	6.37	4.43	4.20	5.90	4.81	5.30	4.00	2.52	2.16

CAL YR 1972 MAX 36.60 MIN 1.40
WTR YR 1973 MAX 26.90 MIN 1.62

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.95	2.24	3.16	5.00	17.38	7.66	5.85	3.34	2.51	3.07	2.23	2.10
2	2.75	2.22	3.30	5.40	15.93	17.94	5.55	3.27	2.49	2.72	2.49	2.05
3	2.59	2.31	7.39	7.20	14.14	22.96	5.35	3.27	2.47	2.55	2.52	2.00
4	2.45	2.40	9.72	15.30	13.17	25.45	5.22	3.25	2.42	2.41	2.51	1.96
5	2.60	2.50	11.25	22.30	12.11	25.74	6.14	3.18	2.40	2.63	2.15	1.92
6	3.50	2.72	10.06	27.40	10.93	21.82	6.70	3.08	2.41	2.47	2.12	1.93
7	3.56	2.38	19.96	32.20	14.72	13.76	6.10	2.99	2.41	2.38	2.12	2.63
8	3.63	2.21	21.63	32.80	16.59	12.53	5.59	3.01	2.39	2.33	2.12	3.08
9	2.95	2.14	23.45	28.90	16.52	14.28	5.32	3.07	2.38	2.29	2.11	2.43
10	2.57	2.12	23.57	26.00	12.96	14.14	5.30	3.08	2.36	2.23	2.09	2.30
11	2.40	2.11	17.00	28.20	10.61	11.76	5.07	2.95	2.48	2.21	2.18	2.55
12	2.30	2.10	8.30	34.00	9.66	9.91	4.91	2.90	2.66	2.21	2.31	2.51
13	2.24	2.10	6.80	35.80	9.66	8.92	4.78	4.88	2.64	2.19	2.33	1.53
14	2.20	2.09	6.00	36.60	9.48	8.32	4.66	8.10	2.41	2.19	2.33	1.50
15	2.18	2.08	5.40	35.00	8.77	8.02	4.50	8.80	2.37	2.19	3.64	1.40
16	2.18	2.08	5.00	29.80	8.18	8.46	4.48	7.90	2.35	2.20	2.90	1.40
17	2.17	2.07	4.90	20.80	8.48	9.16	4.65	5.41	2.35	2.19	2.29	1.40
18	2.20	2.06	5.40	12.25	9.16	9.67	4.53	4.36	2.33	2.24	2.02	1.40
19	2.27	2.05	6.70	10.55	9.91	9.28	4.26	3.88	2.32	2.23	1.87	1.70
20	2.35	2.04	6.40	11.93	9.46	8.42	3.99	3.66	2.33	2.19	1.77	2.98
21	2.22	2.04	6.20	12.69	8.35	7.73	3.80	3.40	2.32	2.16	1.72	3.24
22	2.18	2.05	8.20	13.22	7.62	7.18	4.36	3.18	2.31	2.14	1.83	2.64
23	2.22	2.04	6.70	12.35	7.27	6.92	5.02	3.02	2.31	2.15	1.97	2.13
24	2.43	2.17	5.60	11.15	7.09	9.97	5.20	2.94	2.31	2.15	2.10	1.87
25	2.68	2.58	4.90	9.87	6.80	6.48	4.78	2.91	2.30	2.32	2.27	1.74
26	2.90	2.85	4.40	8.89	6.54	6.58	4.04	2.92	2.37	2.23	2.31	1.80
27	3.02	2.95	4.20	8.17	6.45	6.75	3.71	2.87	2.62	2.20	2.26	2.15
28	2.83	2.91	4.10	7.62	6.32	6.53	3.62	2.76	2.93	2.18	2.22	3.84
29	2.52	3.11	4.90	7.55	5.97	6.50	3.41	2.65	2.89	2.16	2.18	4.98
30	2.36	3.04	4.80	11.35	------	6.58	3.42	2.57	3.64	2.18	2.15	4.00
31	2.28	------	4.90	15.56	------	6.35	------	2.54	------	2.16	2.13	------
MAX	3.63	3.11	23.57	36.60	17.38	25.74	6.70	8.80	3.64	3.07	3.64	4.98
MIN	2.17	2.04	3.16	5.00	6.32	6.35	3.41	2.54	2.30	2.14	1.72	1.40

CAL YR 1971 MAX 33.11 MIN 2.04
WTR YR 1972 MAX 36.30 MIN 1.40

02425500 Cedar Creek at Minter, Ala.

LOCATION.--Lat 32°04'45", long 86°59'02", in SE¼ sec. 20, T. 13 N., R. 11 E., Dallas County, near right bank on downstream side of bridge on county road, 0.2 mi (0.3 km) downstream from Snake Creek, 0.5 mi (0.8 km) east of Minter, and 4 mi (6.4 km) upstream from Dry Cedar Creek.

DRAINAGE AREA.--217 mi^2 (562 km^2).

PERIOD OF RECORD.--June 1952 to September 1970. Flood hydrograph and low flow, water years 1971-73. Annual maximum, water year 1974. October 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is 123.50 ft (37.643 m) above mean sea level. Prior to July 27, 1972, on old channel 500 ft (152 m) left at same datum.

AVERAGE DISCHARGE.--19 years (1952-70, 1974-75), 237 ft^3/s (6.712 m^3/s), 14.83 in/yr (377 mm/yr).

EXTREMES.--Current year: Maximum discharge, 99,800 ft^3/s (2,830 m^3/s) Feb. 17 (gage height, 26.53 ft or 8.086 m, from floodmarks), from rating curve extended above 46,000 ft^3/s (1,303 m^3/s); minimum daily, 30 ft^3/s (0.85 m^3/s) Oct. 30, Nov. 1-3.
Period of record: Maximum discharge, 99,800 ft^3/s (2,830 m^3/s) Feb. 17, 1974 (gage height, 26.53 ft or 8.086 m, from floodmarks), from rating curve extended above 46,000 ft^3/s (1,303 m^3/s); minimum daily, 0.1 ft^3/s (0.003 m^3/s) Aug. 12, Sept. 15, 1954.

REMARKS.--Records fair except those for periods of no gage-height record, which are poor. Maximum discharge, water year 1974: 3,970 ft^3/s (112 m^3/s) Jan. 21, 1974 (gage height, 14.72 ft or 4.487 m).

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	30	925	110	190	312	500	660	900	80	5,890	46
2	75	30	243	99	180	291	800	299	321	72	1,740	45
3	64	30	137	99	170	258	1,300	200	140	75	1,310	44
4	56	35	101	179	160	235	700	214	92	90	580	40
5	52	42	84	183	300	228	500	196	82	60	1,180	38
6	50	44	79	137	500	220	350	239	84	53	965	38
7	48	43	131	118	350	220	270	206	86	46	718	40
8	45	35	123	4,040	250	388	240	217	84	45	354	49
9	43	35	97	4,110	200	282	220	200	103	49	214	45
10	42	38	80	1,320	180	228	1,000	308	1,340	48	176	43
11	40	40	70	3,720	180	247	800	378	603	110	148	39
12	39	53	84	1,390	250	224	500	170	748	145	311	38
13	38	62	74	1,120	450	1,300	470	128	330	74	228	42
14	37	48	100	611	350	2,730	2,340	120	200	54	126	40
15	50	43	250	378	300	795	4,690	126	247	48	99	36
16	287	40	200	308	3,500	3,410	1,300	170	262	43	86	34
17	113	50	140	270	19,600	3,670	935	1,060	214	40	77	33
18	70	72	110	247	27,300	2,740	594	644	189	39	72	42
19	54	80	170	239	4,520	3,500	312	224	130	38	68	52
20	46	339	280	266	1,620	1,130	254	148	90	173	62	43
21	42	550	200	230	950	800	217	113	60	299	62	38
22	40	160	150	210	708	650	189	97	50	466	70	137
23	38	95	157	190	974	520	173	86	170	128	59	2,940
24	36	74	1,220	250	1,360	1,200	163	80	110	70	70	4,220
25	35	65	794	400	848	1,770	167	75	70	113	62	690
26	34	60	326	700	480	1,000	258	72	56	70	79	311
27	33	56	214	450	383	700	186	70	50	88	79	206
28	32	53	170	300	339	500	148	74	42	64	59	154
29	31	50	148	270	------	400	316	86	39	60	52	121
30	31	708	131	230	------	350	1,060	84	59	176	49	105
31	30	------	118	210	------	700	------	118	------	3,060	49	------
TOTAL	1,721	3,060	7,106	22,384	66,592	30,998	20,952	6,862	6,951	5,976	15,094	9,749
MEAN	55.5	102	229	722	2,378	1,000	698	221	232	193	487	325
MAX	287	708	1,220	4,110	27,300	3,670	4,690	1,060	1,340	3,060	5,890	4,220
MIN	30	30	70	99	160	220	148	70	39	38	49	33
CFSM	.26	.47	1.06	3.33	11.0	4.61	3.22	1.02	1.07	.89	2.24	1.50
IN.	.30	.52	1.22	3.84	11.42	5.31	3.59	1.18	1.19	1.02	2.59	1.67

WTR YR 1975 TOTAL 197,445 MEAN 541 MAX 27,300 MIN 30 CFSM 2.49 IN 33.85

PEAK DISCHARGE (BASE, 4,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-08	2100	18.00	5,890	3-19	0600	16.23	4,780
2-17	Unknown	26.53	99,800	4-15	1000	17.29	5,380
3-14	0200	16.80	5,090	8-01	0700	18.43	6,630
3-16	2400	17.22	5,330	9-24	0300	15.17	5,040

NOTE.--No gage-height record Oct. 22 to Nov. 4 and Jan. 22 to Feb. 17.

MOBILE RIVER MAIN STEM

02427506 Alabama River at Millers Ferry lock and dam, near Camden, Ala.

LOCATION.--Lat 32°06'00", long 84°23'52", in NW¼ sec. 17, T. 13 N., R. 17 E., Wilcox County, at downstream end of Millers Ferry lock and dam, 1.0 mi (1.6 km) downstream from State Highway 28, 1.3 mi (2.1 km) downstream from Prairie Creek, 6.6 mi (10.6 km) upstream from Dixon Creek, 12 mi (19 km) northwest of Camden, and at mile 142.25 (228.88 km).

DRAINAGE AREA.--20,700 mi^2 (53,600 km^2).

PERIOD OF RECORD.--November 1968 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. November 1968 to September 1971 in files of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is 19.00 ft (5.791 m) above mean sea level.

EXTREMES.--Maximum and minimum gage heights (at 0700) for the water years 1972-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1972	Jan. 15,16, 1972	58.3	17.77	Oct. 13, Nov. 30, 1971	14.1	4.30
1973	Apr. 5, 1973	56.6	17.25	Oct. 23, 1972	14.0	4.27
1974	Jan. 5, 1974	48.1	14.66	Oct. 9, 1973	14.0	4.27
1975	Feb. 20, 1975	58.5	17.83	Oct. 3, 1974	14.3	4.36

Period of record: Maximum, 58.4 ft (18.11 m) Mar. 8, 1971; minimum, 10.5 ft (3.20 m) Sept. 2, 3, 4, 1969.

COOPERATION.--Records furnished by Corps of Engineers.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.70	19.20	21.20	32.30	34.90	36.70	38.70	23.70	18.70	15.30	39.00	14.90
2	15.40	15.60	18.80	32.20	33.20	34.60	39.70	27.60	23.70	19.70	39.40	14.70
3	15.20	15.40	20.30	32.90	31.70	33.30	43.60	23.50	17.00	22.50	33.40	15.30
4	15.30	15.20	22.20	32.50	30.20	31.70	48.50	20.80	21.10	15.70	29.40	15.40
5	15.30	14.90	22.30	32.50	35.70	30.20	51.10	19.50	20.50	15.40	24.50	16.40
6	15.30	15.10	21.00	32.00	42.80	28.10	51.60	19.50	16.20	15.20	28.30	18.90
7	14.50	17.00	22.60	25.00	45.80	27.90	50.10	21.00	15.60	15.30	30.10	21.50
8	14.40	19.00	16.20	29.70	47.20	26.20	46.90	23.70	15.50	22.70	30.50	14.90
9	14.70	15.00	16.00	42.60	46.90	25.10	41.60	25.70	15.20	31.00	27.00	15.10
10	14.90	15.20	22.40	43.80	44.70	23.90	36.70	28.60	15.70	31.30	27.00	20.20
11	14.90	15.00	20.10	48.00	41.50	24.00	34.70	26.00	23.60	30.00	27.80	22.70
12	15.20	15.00	20.30	49.20	39.30	24.60	37.00	23.50	23.80	28.40	30.60	22.30
13	15.20	15.00	22.30	49.50	36.00	28.20	35.10	15.90	26.50	24.70	33.10	22.30
14	14.80	18.60	18.20	49.00	34.60	31.10	29.90	22.60	27.90	23.60	32.30	20.10
15	15.00	19.20	18.10	47.30	34.20	42.40	43.30	24.30	29.40	16.10	28.20	15.30
16	15.20	15.10	18.00	43.80	30.90	45.60	49.30	24.50	26.00	16.00	25.20	15.10
17	20.20	15.10	18.00	38.70	47.80	47.80	51.20	22.00	23.30	15.50	23.70	19.40
18	15.10	15.20	21.80	34.60	54.70	51.50	51.70	30.70	22.70	18.20	23.10	19.40
19	15.30	15.00	23.60	30.20	57.70	53.20	49.90	31.60	22.90	15.70	23.10	18.70
20	15.10	15.10	23.70	25.70	58.50	54.60	46.00	29.80	15.90	16.10	23.10	16.80
21	15.00	19.60	23.80	27.50	58.30	54.90	35.50	27.70	15.30	17.40	15.80	18.00
22	14.40	19.60	23.80	27.70	57.00	55.10	27.80	24.90	22.30	16.80	17.40	15.40
23	15.00	21.60	15.20	25.90	54.90	55.10	23.90	25.60	22.50	23.30	15.30	22.50
24	14.90	19.70	26.00	25.00	52.00	53.90	25.30	23.70	15.40	23.80	18.30	32.30
25	14.50	19.20	43.00	27.60	48.20	52.30	26.30	20.50	15.30	23.40	15.20	41.00
26	15.30	17.20	45.30	36.50	45.40	50.10	24.10	20.00	15.30	23.30	15.50	45.00
27	14.90	17.00	45.20	41.40	42.10	47.60	20.10	20.20	15.20	26.30	15.50	46.70
28	14.80	19.60	43.40	43.40	39.30	46.20	19.70	16.90	17.00	24.10	16.40	45.60
29	14.70	15.40	40.20	43.90	------	43.90	19.70	16.30	15.30	23.80	15.60	41.00
30	14.40	15.30	34.90	43.60	------	40.80	22.70	15.50	15.40	23.80	15.30	34.70
31	14.30	------	31.30	39.60	------	38.80	------	17.10	------	26.10	15.40	------
MAX	20.2	21.6	45.3	49.5	58.5	55.1	51.7	31.6	29.4	31.3	39.4	46.7
MIN	14.3	14.9	15.2	25.0	30.2	23.9	19.7	15.5	15.2	15.2	15.2	14.7

CAL YR 1974 MAX 48.1 MIN 14.3
WTR YR 1975 MAX 58.5 MIN 14.3

02427506 Alabama River at Millers Ferry lock and dam, near Camden, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.50	20.20	26.00	35.60	40.80	32.20	28.40	22.60	23.80	14.70	15.10	15.20
2	20.30	16.00	26.70	41.70	39.70	31.10	27.50	23.20	23.30	14.60	15.10	20.50
3	22.50	15.30	24.10	45.60	37.60	29.70	39.00	23.00	15.00	14.50	15.20	15.30
4	15.40	15.50	23.90	47.20	34.80	25.70	39.30	15.90	22.30	14.50	15.20	19.60
5	15.30	14.80	23.80	48.10	33.00	24.00	40.00	15.50	22.90	14.40	14.90	18.60
6	15.20	15.10	24.90	46.40	31.70	24.00	42.20	15.40	20.80	14.40	14.60	15.60
7	15.40	19.10	24.70	42.70	31.60	25.10	44.70	15.10	25.60	14.80	14.70	15.20
8	14.50	19.60	24.10	38.90	36.40	25.10	45.20	15.20	24.30	15.10	15.60	21.90
9	14.00	19.70	23.90	37.00	38.00	24.20	43.20	15.30	24.10	14.90	22.10	33.50
10	14.50	15.40	23.30	38.10	39.00	23.70	40.90	16.20	23.20	18.40	24.50	39.40
11	15.30	15.30	16.30	38.60	38.70	20.10	38.70	18.20	15.90	15.10	23.60	28.00
12	15.10	15.20	16.10	38.00	36.20	16.30	37.20	15.50	22.90	22.10	17.90	26.70
13	15.60	15.30	23.80	39.00	34.30	22.70	38.80	15.40	16.30	16.00	15.20	23.80
14	15.50	15.10	22.70	39.60	32.70	23.50	41.70	17.30	29.90	15.50	19.20	23.80
15	15.40	15.40	16.10	39.10	31.20	23.30	43.80	17.60	20.90	15.40	22.40	22.70
16	15.30	19.00	20.40	37.20	32.90	18.30	43.90	16.70	26.30	14.80	22.30	15.30
17	15.30	19.10	16.30	34.80	38.20	15.30	42.60	19.30	25.70	15.30	22.90	15.10
18	15.10	15.10	17.60	32.90	39.80	14.90	39.20	22.50	29.20	15.30	17.00	18.40
19	15.20	14.30	22.20	31.50	39.60	15.10	35.10	16.20	25.70	17.80	18.40	15.40
20	15.20	14.40	22.80	31.40	40.00	19.30	29.40	15.80	15.70	15.30	15.20	15.60
21	15.10	15.00	20.60	34.80	38.80	23.80	26.20	16.30	15.80	15.40	15.70	15.40
22	15.00	21.40	23.80	38.50	38.50	26.10	23.60	22.70	15.70	15.00	15.20	18.60
23	15.10	18.60	22.90	38.00	40.20	26.70	23.50	18.70	18.70	15.20	15.10	15.10
24	15.00	15.30	14.80	36.60	40.80	24.10	23.20	24.00	15.70	15.30	15.10	14.70
25	15.10	15.10	14.80	36.40	40.80	16.50	23.10	24.00	14.40	15.20	15.00	14.80
26	15.40	15.90	15.40	35.80	39.50	22.80	23.00	16.40	14.40	14.90	14.70	14.70
27	15.20	14.50	27.60	35.90	37.80	16.70	19.10	15.50	14.50	15.00	15.00	33.20
28	15.40	16.00	34.00	36.00	33.50	22.80	16.50	23.10	14.60	15.00	15.50	31.20
29	15.20	23.30	36.30	36.50	------	22.90	15.20	25.40	14.60	15.00	15.90	24.20
30	15.20	27.50	36.90	40.00	------	28.80	17.90	23.20	14.60	15.20	15.20	22.50
31	19.60	------	36.40	41.40	------	27.00	------	22.80	------	14.90	15.30	------
MAX	22.5	27.5	36.9	48.1	40.8	32.2	45.2	25.4	29.9	22.1	24.5	39.4
MIN	14.0	14.3	14.8	31.4	31.2	14.9	15.2	15.1	14.4	14.4	14.6	14.7

CAL YR 1973 MAX 56.6 MIN 14.0
WTR YR 1974 MAX 48.1 MIN 14.0

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.00	15.40	15.20	35.80	28.70	22.80	49.80	53.90	44.00	15.20	16.10	15.90
2	15.70	15.30	15.20	40.10	31.60	22.70	53.30	51.60	44.20	15.00	22.80	15.30
3	15.40	15.30	15.60	42.50	38.10	22.90	55.40	48.10	43.10	15.00	16.60	15.00
4	15.00	15.20	15.80	41.30	37.90	19.00	56.30	42.70	38.20	16.00	15.40	14.80
5	15.10	15.00	15.20	39.90	36.10	16.30	56.60	36.10	32.20	15.40	15.20	14.70
6	14.90	15.00	14.90	37.70	33.70	24.00	55.40	27.50	29.10	15.20	14.80	15.30
7	15.20	14.90	25.80	36.30	30.90	25.70	52.00	23.90	32.10	15.00	14.80	15.30
8	15.40	14.70	24.30	40.00	28.90	32.00	51.40	22.70	34.00	15.60	15.30	18.30
9	15.00	14.90	24.30	46.80	31.30	30.80	51.10	37.20	36.40	16.30	19.10	15.50
10	15.20	15.20	23.70	48.50	33.40	26.90	51.40	43.90	36.50	15.80	15.60	15.60
11	15.10	15.20	15.40	49.20	32.80	27.80	51.40	45.10	34.70	15.80	15.50	18.90
12	15.30	15.30	22.40	48.60	33.30	32.50	50.80	45.50	31.10	23.10	15.20	14.70
13	14.80	15.20	22.80	46.50	31.10	37.10	48.30	43.10	31.30	23.10	14.40	14.90
14	14.80	15.50	23.00	42.80	32.30	39.50	43.50	38.50	33.20	22.70	15.20	15.10
15	14.80	20.10	23.50	37.70	36.20	40.60	38.40	34.40	33.60	21.80	19.50	15.00
16	14.80	22.30	33.10	33.70	35.90	39.70	31.50	28.40	31.40	15.70	20.40	14.60
17	14.60	20.10	38.00	30.10	34.80	45.00	27.60	26.00	29.20	22.70	15.40	15.40
18	14.60	15.30	39.50	26.80	34.40	47.50	28.10	23.10	25.20	22.90	15.40	15.00
19	14.50	15.40	38.60	25.30	31.50	48.30	29.30	23.50	24.00	22.90	15.30	14.80
20	14.60	15.20	34.60	25.80	26.20	48.50	32.40	23.60	23.60	22.90	18.00	14.50
21	14.40	15.00	34.10	30.40	26.10	47.50	29.20	27.10	26.30	23.80	15.40	14.30
22	14.40	22.40	40.70	33.80	25.80	45.80	25.10	31.20	27.40	23.50	15.20	14.70
23	14.00	15.90	41.90	36.80	25.90	44.40	15.60	33.50	27.00	16.40	15.10	14.90
24	14.10	15.90	42.80	39.50	24.30	42.50	21.20	33.90	24.50	23.50	14.90	15.00
25	14.30	15.30	42.60	39.80	24.10	42.40	25.00	32.90	23.40	23.40	14.80	15.10
26	14.20	15.40	41.20	38.70	23.00	46.00	45.60	33.00	23.60	24.30	14.90	15.10
27	14.20	18.30	37.40	35.90	22.30	45.90	52.00	32.20	23.00	16.20	14.60	15.40
28	14.20	22.40	33.10	34.90	21.00	45.10	54.50	31.60	23.00	18.40	16.60	15.20
29	14.80	15.70	29.90	34.70	------	42.80	55.30	38.10	22.60	17.90	16.00	16.40
30	15.20	15.30	28.20	33.40	------	38.90	54.90	41.40	15.40	21.60	19.80	15.20
31	15.20	------	28.80	29.60	------	42.60	------	43.10	------	15.20	18.50	------
MAX	16.0	22.4	42.8	49.2	38.1	48.5	56.6	53.9	44.2	24.3	22.8	18.9
MIN	14.0	14.7	14.9	25.3	21.0	16.3	15.6	22.7	15.4	15.0	14.4	14.3

CAL YR 1972 MAX 58.3 MIN 14.0
WTR YR 1973 MAX 56.6 MIN 14.0

02427506 Alabama River at Millers Ferry lock and dam, near Camden, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700. WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.20	14.40	17.40	23.20	38.60	24.50	27.90	14.30	15.50	23.70	15.20	15.30
2	18.60	15.20	20.50	16.50	36.30	37.70	26.80	14.80	15.30	16.30	15.20	15.30
3	19.30	15.00	23.70	23.10	38.30	49.20	24.30	15.00	16.50	14.90	15.20	14.90
4	15.90	16.20	32.30	24.70	42.10	53.20	23.90	15.30	15.50	15.40	15.40	14.20
5	16.00	15.50	30.60	37.00	39.20	54.60	23.30	15.50	15.10	15.70	16.80	15.00
6	16.20	15.50	28.90	43.90	37.40	54.10	23.10	15.40	16.00	16.00	19.10	15.20
7	15.30	14.80	32.90	47.40	38.30	51.10	23.00	15.60	16.40	15.40	15.30	15.50
8	15.60	14.50	42.50	48.40	41.60	46.40	23.10	15.40	22.70	15.20	18.90	15.60
9	15.30	14.50	43.90	47.60	42.00	41.60	20.60	15.40	15.70	15.70	17.10	15.60
10	14.80	23.10	42.00	42.70	40.40	38.90	19.20	17.80	15.20	20.00	15.30	15.60
11	14.50	15.50	39.00	47.60	37.30	36.30	23.20	17.00	15.20	15.20	18.60	15.30
12	14.50	14.70	33.50	53.30	33.80	34.40	23.90	16.40	15.20	15.50	15.50	15.30
13	14.10	14.70	27.00	56.40	30.90	28.60	22.90	16.00	15.30	15.70	15.20	15.60
14	14.20	15.50	23.80	57.50	30.10	24.90	22.80	25.60	14.90	15.50	14.90	15.50
15	14.30	15.60	23.50	58.30	28.30	25.10	22.90	31.10	15.20	15.40	15.20	15.50
16	14.30	15.20	24.70	58.30	31.60	29.20	22.90	33.50	15.30	15.40	15.30	16.10
17	15.10	15.80	24.20	57.10	31.30	25.60	23.10	33.40	15.50	15.10	15.20	17.60
18	15.10	15.40	25.70	54.50	29.60	27.30	15.70	32.30	17.80	15.40	15.20	15.10
19	14.50	15.80	26.20	50.80	31.40	28.20	16.40	31.40	16.10	16.40	15.40	15.50
20	14.60	15.00	28.20	46.70	31.10	25.20	23.00	30.70	15.40	16.90	15.60	15.50
21	14.60	14.50	32.40	46.20	28.80	23.90	23.10	28.40	15.20	15.60	15.00	19.20
22	15.10	14.30	29.90	45.40	27.50	24.10	23.50	22.90	15.50	15.50	15.20	15.60
23	18.00	14.20	29.50	45.50	29.00	24.10	18.00	15.60	15.00	15.40	15.40	15.70
24	15.60	14.40	29.30	42.90	28.30	26.70	17.20	15.40	15.10	15.00	15.30	15.30
25	15.00	16.10	27.20	40.60	28.20	27.70	23.50	16.00	15.40	15.60	15.40	15.60
26	15.20	18.40	24.40	36.70	26.20	28.10	15.20	17.10	19.40	14.90	15.20	15.70
27	14.60	15.30	23.80	35.10	26.00	25.60	15.40	22.20	20.80	15.20	15.40	15.70
28	15.00	14.90	23.60	33.10	25.80	24.20	15.60	15.50	22.60	15.20	15.40	16.20
29	16.80	14.10	18.60	30.60	23.50	24.50	15.30	14.70	17.30	15.20	15.10	19.90
30	15.70	15.50	18.80	29.30	------	26.00	15.10	14.90	23.30	16.40	15.30	16.40
31	15.10	------	22.80	34.10	------	26.40	------	15.20	------	15.10	15.30	------
MAX	21.2	23.1	43.9	58.3	42.1	54.6	27.9	33.5	23.3	23.7	19.1	19.9
MIN	14.1	14.1	17.4	16.5	23.5	23.9	15.1	14.3	14.9	14.9	14.9	14.2

WTR YR 1972 MAX 58.3 MIN 14.1

02427700 Turkey Creek at Kimbrough, Ala.

LOCATION.--Lat 32°01'15", long 87°33'30", in SE¼ sec. 10, T. 12 N., R. 5 E., Wilcox County, on right bank on upstream side of bridge on county road, 0.3 mi (0.5 km) upstream from Southern Railway bridge, 0.6 mi (1.0 km) downstream from State Highway 5, 1 mi (2 km) south of Kimbrough, and 2 mi (3 km) upstream from mouth.

DRAINAGE AREA.--114 mi^2 (295 km^2).

PERIOD OF RECORD.--August 1958 to current year.

GAGE.--Water-stage recorder. Datum of gage is 58.78 ft (17.92 m) above mean sea level.

AVERAGE DISCHARGE.--17 years, 140 ft^3/s (3.965 m^3/s), 16.67 in/yr (424 mm/yr).

EXTREMES.--Current year: Maximum discharge, 6,870 ft^3/s (195 m^3/s) Feb. 17 (gage height, 19.24 ft or 5.864 m); minimum, 7.0 ft^3/s (0.198 m^3/s) July 19.
Period of record: Maximum discharge, 39,600 ft^3/s (1,120 m^3/s) Dec. 10, 1961 (gage height, 25.02 ft or 7.626 m); minimum, no flow Sept. 25, 1968.

REMARKS.--Records fair except those for period of no gage-height record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	72	27	191	134	134	150	144	158	63	22	2,600	31
2	65	25	111	121	129	136	198	94	36	14	625	27
3	60	24	84	120	125	123	700	70	23	12	408	21
4	50	24	68	200	134	116	300	79	16	14	220	19
5	45	25	61	166	261	111	170	72	13	12	700	17
6	43	25	57	134	183	105	140	93	11	10	827	39
7	38	25	93	123	350	105	130	134	18	8.6	278	55
8	35	25	109	184	782	120	130	236	51	7.7	173	40
9	32	25	75	2,360	820	105	152	163	95	8.2	135	32
10	30	30	61	1,190	264	114	140	107	175	8.7	324	26
11	28	50	57	1,000	116	162	158	75	97	14	352	56
12	26	76	64	1,100	112	144	116	57	136	28	162	45
13	25	46	62	600	104	152	97	48	137	15	115	37
14	25	36	55	350	94	333	914	59	63	10	92	26
15	70	36	193	260	91	168	1,200	145	107	8.7	75	21
16	140	33	191	220	1,100	430	750	189	94	8.3	64	18
17	60	31	114	191	5,890	800	250	151	55	8.5	67	20
18	45	73	86	175	1,800	580	160	85	48	7.5	132	48
19	34	52	120	166	900	800	130	56	41	7.1	138	36
20	30	343	213	270	450	380	100	44	51	14	68	25
21	27	188	150	205	300	230	85	37	47	144	52	23
22	26	97	112	166	230	190	75	31	56	62	45	38
23	25	68	111	160	250	170	68	26	37	21	41	494
24	25	55	3,440	193	300	250	63	22	29	11	56	394
25	24	57	1,670	484	400	390	61	18	22	14	46	136
26	24	66	578	466	619	190	61	15	18	21	84	340
27	23	50	418	242	153	160	61	21	15	22	56	705
28	22	45	213	193	156	140	56	19	14	14	41	313
29	24	41	184	173	------	140	52	20	22	12	35	47
30	30	144	164	159	------	242	121	134	36	397	31	42
31	30	------	148	144	------	193	------	129	------	2,780	31	------
TOTAL	1,233	1,842	9,253	11,649	16,247	7,429	6,782	2,587	1,626	3,736.3	8,073	3,171
MEAN	39.8	61.4	298	376	580	240	226	83.5	54.2	121	260	106
MAX	140	343	3,440	2,360	5,890	800	1,200	236	175	2,780	2,600	705
MIN	22	24	55	120	91	105	52	15	11	7.1	31	17
CFSM	.35	.54	2.61	3.30	5.09	2.11	1.98	.73	.48	1.06	2.28	.93
IN.	.40	.60	3.02	3.80	5.30	2.42	2.21	.84	.53	1.22	2.63	1.03

CAL YR 1974 TOTAL 67,081.6 MEAN 184 MAX 3,910 MIN 6.0 CFSM 1.61 IN 21.89
WTR YR 1975 TOTAL 73,628.3 MEAN 202 MAX 5,890 MIN 7.1 CFSM 1.77 IN 24.03

PEAK DISCHARGE (BASE, 2,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-24	2000	15.38	4,390	2-17	1400	19.24	6,870
1-09	0300	13.04	3,220	7-31	2400	14.08	3,720

NOTE.--No gage-height record Oct. 4 to Nov. 11.

MOBILE RIVER MAIN STEM

02428401 Alabama River at Claiborne lock and dam, near Monroeville, Ala.

LOCATION.--Lat 31°36'40", long 87°33'10", in SE¼ sec. 34, T. 8 N., R. 5 E., Monroe County, at downstream end of Claiborne lock and dam, 3.4 mi (5.5 km) upstream from Flat Creek, 3.7 mi (6.0 km) downstream from Silver Creek, 15 mi (24 km) northwest of Monroeville, and at mile 81.8 (131.6 km).

DRAINAGE AREA.--21,500 mi^2 (55,800 km^2).

PERIOD OF RECORD.--December 1969 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. December 1969 to September 1971 in files of the Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is 8.00 ft (2.438 m) below mean sea level.

EXTREMES.--Maximum and minimum gage heights (at 0700) for the water years 1972-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1972	Jan. 18, 1972	58.3	17.77	Nov. 22, 23, 1971	17.4	5.30
1973	Apr. 6, 7, 1973	57.2	17.43	Nov. 8, 1972	17.2	5.24
1974	Jan. 6, 1974	51.2	15.61	Oct. 19, 1973	17.6	5.36
1975	Feb. 22, 23, 1975	59.0	17.98	Oct. 9, 10, 11, 1974	17.5	5.33

Period of record: Maximum, 59.0 ft (17.97 m) Feb. 22, 23, 1975; minimum, 17.2 ft (5.24 m) Nov. 8, 1972.

COOPERATION.--Records furnished by Corps of Engineers.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.40	18.70	23.50	40.60	46.00	48.00	47.00	30.80	26.50	22.10	45.90	20.50
2	21.30	22.00	26.10	39.80	43.30	45.40	46.50	33.10	29.70	26.40	47.70	19.90
3	19.30	19.50	28.80	40.00	33.00	43.40	46.60	31.70	28.50	28.00	46.20	21.60
4	19.30	18.30	28.30	40.20	39.20	41.50	48.10	30.40	29.10	26.30	43.50	23.20
5	18.40	18.00	27.90	39.50	40.80	39.50	50.80	26.50	28.70	24.80	37.70	25.00
6	17.90	18.40	27.80	39.50	44.50	37.30	51.90	26.70	28.90	22.50	37.10	25.30
7	18.30	18.80	28.00	35.80	47.20	36.00	53.30	29.10	25.70	20.10	38.30	27.50
8	17.90	22.20	27.40	35.60	48.90	34.80	53.50	30.90	24.70	26.70	39.50	23.50
9	17.50	21.90	27.80	44.00	50.20	33.00	52.40	31.90	24.20	31.80	37.40	21.50
10	17.50	19.10	27.30	48.40	50.60	32.00	50.10	35.70	24.10	37.40	36.00	23.00
11	17.50	18.10	26.50	50.20	49.90	32.00	47.10	33.90	28.00	37.10	35.20	27.60
12	19.40	18.70	27.30	51.70	48.40	30.80	46.00	32.30	30.30	36.20	36.30	27.70
13	18.70	19.10	27.40	52.80	46.50	33.40	44.70	28.30	31.70	33.10	39.10	27.70
14	18.10	21.30	26.90	53.20	44.40	38.40	42.40	28.30	34.70	30.60	39.80	28.00
15	17.80	25.10	25.60	53.00	42.90	44.00	45.00	30.10	35.40	28.20	37.90	24.50
16	17.90	23.90	25.80	52.50	41.40	47.20	48.00	30.60	34.20	26.70	34.80	21.20
17	18.10	21.70	24.60	50.40	46.40	50.20	51.60	29.50	31.80	24.10	32.00	20.20
18	21.00	19.80	26.40	47.50	52.30	52.20	53.00	34.50	29.80	24.50	30.00	23.50
19	18.60	18.50	29.20	44.00	55.30	54.10	53.80	37.60	29.40	24.30	30.10	25.70
20	18.20	19.30	29.40	38.70	57.00	55.20	53.70	37.50	27.90	24.20	29.80	24.70
21	17.90	22.00	30.70	36.10	58.30	55.90	51.80	35.60	25.30	24.90	28.10	26.20
22	18.30	24.20	29.80	36.30	59.00	56.50	46.00	33.50	26.50	27.00	26.50	24.10
23	18.50	25.50	25.10	34.70	59.00	56.80	39.00	32.40	28.60	27.60	25.10	28.00
24	17.80	25.30	27.20	33.20	58.50	56.90	34.50	31.10	24.50	29.30	24.00	34.00
25	18.00	24.40	42.40	34.00	57.20	56.90	34.60	29.80	23.20	28.80	24.90	44.00
26	18.30	22.50	46.80	39.90	55.40	56.40	34.00	28.40	22.20	28.50	24.70	46.30
27	18.70	21.10	48.50	43.40	53.20	55.40	30.20	28.20	21.70	32.00	25.30	48.30
28	18.00	23.00	48.90	46.00	50.60	54.10	28.00	24.90	23.00	31.70	25.60	49.50
29	18.00	23.30	48.40	47.40	------	52.60	27.60	25.80	24.50	30.40	24.30	49.40
30	18.00	20.20	46.60	48.20	------	51.00	28.80	23.70	22.90	30.10	22.20	47.00
31	17.90	------	43.00	48.10	------	48.90	------	23.60	------	34.20	21.00	------
MAX	25.4	25.5	48.9	53.2	59.0	56.9	53.8	37.6	35.4	37.4	47.7	49.5
MIN	17.5	18.0	23.5	33.2	33.0	30.8	27.6	23.6	21.7	20.1	21.0	19.9

CAL YR 1974 MAX 51.2 MIN 17.5
WTR YR 1975 MAX 59.0 MIN 17.5

02428401 Alabama River at Claiborne lock and dam, near Monroeville, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.50	24.00	33.30	43.00	46.80	40.90	35.60	27.30	29.30	18.00	22.60	19.70
2	20.50	25.00	33.00	44.50	46.70	39.90	33.00	29.20	30.00	18.00	21.10	20.30
3	27.20	23.40	31.30	46.90	46.00	37.80	41.60	28.80	26.20	18.00	21.70	23.50
4	26.30	21.10	29.10	48.80	44.50	35.40	43.30	25.90	26.00	18.10	20.10	25.20
5	23.50	20.30	29.80	50.40	42.40	32.30	45.30	23.10	28.30	18.20	18.80	25.60
6	23.20	20.40	29.60	51.20	40.40	31.50	46.20	21.00	27.30	18.20	18.40	25.60
7	22.00	22.40	31.20	50.90	39.40	32.10	47.40	19.20	31.80	18.60	17.90	23.50
8	20.30	23.30	31.00	49.10	41.90	32.30	48.70	18.50	32.00	19.20	18.10	32.30
9	19.70	24.00	30.50	46.70	43.80	31.60	49.30	18.30	30.80	18.40	26.40	42.20
10	19.80	23.50	30.20	45.50	44.80	30.50	48.70	19.60	29.90	18.30	28.90	41.60
11	21.50	20.50	27.40	45.20	45.10	28.80	47.30	24.20	27.30	23.10	29.90	39.20
12	22.70	18.60	26.20	45.10	44.80	27.10	45.90	22.70	28.70	25.90	26.10	37.20
13	22.00	20.30	27.60	45.00	43.20	28.10	45.50	22.60	27.10	26.10	22.10	35.50
14	21.70	21.30	28.80	45.10	41.90	29.60	48.20	23.10	26.40	22.50	24.70	32.00
15	18.50	21.10	26.40	45.60	39.70	28.80	49.50	24.10	27.30	19.40	28.00	30.60
16	18.30	22.80	27.40	45.00	38.60	27.30	50.10	24.40	26.60	18.80	28.70	27.40
17	18.30	23.40	22.30	43.80	41.80	24.50	50.00	25.10	22.90	18.40	28.60	25.60
18	18.20	22.50	23.20	42.10	43.90	20.70	49.00	27.00	22.10	22.30	27.70	24.90
19	17.60	19.80	25.50	39.60	44.90	21.00	46.70	26.80	24.20	23.10	26.00	24.00
20	17.90	18.90	28.20	38.80	45.30	23.30	43.70	25.10	22.00	23.00	22.00	23.60
21	17.80	20.00	27.80	41.00	45.50	28.50	38.20	25.10	25.30	21.80	24.40	20.20
22	17.80	22.50	29.00	43.30	45.10	31.10	33.70	27.40	25.30	19.20	23.70	19.00
23	17.70	25.40	29.60	43.30	44.50	33.20	31.80	26.40	24.50	22.40	23.10	21.70
24	19.10	20.60	25.90	44.20	44.90	37.70	30.50	29.90	23.00	21.60	22.80	20.00
25	22.00	19.10	22.00	44.20	=46.40	28.80	28.30	30.20	19.10	19.50	22.40	22.40
26	22.30	18.90	22.80	44.00	46.30	28.40	30.00	28.10	18.20	18.20	21.50	28.30
27	21.30	18.70	30.40	43.40	45.60	28.30	28.80	25.80	18.00	17.90	21.60	32.30
28	20.50	22.30	38.00	43.40	43.70	30.00	25.80	26.80	18.20	17.90	23.90	40.80
29	18.70	27.00	40.80	43.30	------	30.60	24.80	31.70	18.20	17.80	24.80	34.80
30	18.70	32.00	42.00	44.70	------	32.50	24.90	30.20	18.20	20.90	22.90	30.20
31	22.20	------	43.70	46.20	------	35.60	------	29.00	------	22.40	20.50	------
MAX	27.2	32.0	43.7	51.2	46.8	40.9	50.1	31.7	32.0	26.1	29.9	42.2
MIN	17.6	18.6	22.0	38.8	38.6	20.7	24.8	18.3	18.0	17.8	17.9	19.0

CAL YR 1973 MAX 57.2 MIN 17.6
WTR YR 1974 MAX 51.2 MIN 17.6

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.10	19.50	23.60	40.50	36.90	28.60	52.00	56.00	47.50	23.60	25.60	25.40
2	19.10	18.20	23.70	43.40	37.30	28.80	53.40	56.20	48.90	25.00	28.10	21.70
3	18.20	19.00	23.60	45.70	41.10	29.10	54.90	55.60	49.20	22.50	26.60	19.30
4	17.80	19.10	22.80	47.00	43.00	27.50	55.90	54.00	48.50	23.00	25.00	18.60
5	17.80	18.60	20.70	46.40	43.70	26.70	56.70	50.70	45.50	24.70	21.00	18.60
6	17.40	17.90	21.90	45.50	42.20	30.00	57.20	45.80	45.50	24.70	19.60	22.20
7	17.60	17.40	30.20	44.30	39.50	30.60	57.20	39.00	39.50	24.10	19.00	22.80
8	17.40	17.20	31.30	44.00	38.00	37.20	57.10	33.90	41.10	24.50	20.40	23.40
9	17.70	18.30	31.40	46.90	37.80	37.80	56.40	41.40	42.40	25.60	23.90	22.80
10	17.50	18.70	30.40	49.30	40.10	35.90	55.70	45.70	42.80	25.90	24.40	22.60
11	17.70	22.00	26.50	50.70	40.00	34.10	55.20	48.00	43.00	28.50	22.90	24.30
12	17.50	19.50	27.00	51.50	40.00	37.90	54.90	49.10	42.10	28.40	19.20	22.10
13	17.40	20.90	28.00	51.70	39.30	41.20	54.50	49.50	40.00	29.50	21.00	21.50
14	17.60	19.30	28.70	51.00	39.30	43.40	53.50	48.50	40.00	29.30	21.00	21.40
15	17.80	25.80	28.90	49.00	41.80	44.70	51.10	45.80	41.30	29.30	24.00	19.90
16	17.80	26.40	35.20	45.60	42.50	45.30	47.10	42.70	40.00	27.20	26.70	18.80
17	17.90	26.90	40.60	42.20	42.20	46.80	42.60	37.10	38.40	28.10	26.00	18.90
18	17.70	25.00	43.00	37.50	41.90	48.90	37.90	33.30	36.70	28.90	22.40	20.40
19	17.50	22.30	44.10	33.30	40.70	50.40	38.20	31.30	33.60	28.90	20.40	19.20
20	17.70	20.90	43.40	33.10	36.30	51.30	39.20	31.00	33.00	28.90	20.90	18.40
21	17.60	20.70	41.80	35.50	34.40	51.90	39.10	31.70	34.10	30.10	24.30	17.90
22	17.70	26.70	43.90	38.80	34.00	51.80	36.20	36.20	34.90	29.70	23.50	17.90
23	17.80	25.50	45.90	41.70	32.80	51.00	29.80	38.60	34.80	28.80	20.30	18.30
24	17.80	25.10	46.50	43.40	32.70	50.10	28.50	40.20	33.80	28.20	18.40	19.80
25	17.70	24.20	47.20	44.70	31.40	49.60	30.00	40.70	31.00	29.80	18.30	21.00
26	17.50	22.60	47.30	45.10	30.50	50.20	42.90	40.40	30.20	29.60	18.20	22.30
27	17.70	23.60	46.20	44.20	27.90	50.70	49.30	41.00	29.90	27.40	18.60	18.90
28	17.60	26.40	43.70	43.10	28.80	50.80	52.00	40.00	29.70	26.20	20.60	19.30
29	17.70	25.70	40.50	42.00	------	50.30	53.80	42.20	29.60	24.80	24.80	19.10
30	19.20	24.40	36.70	41.20	------	49.00	55.20	44.50	26.80	25.80	25.30	22.10
31	20.30	------	37.30	39.70	------	49.20	------	46.30	------	25.20	26.00	------
MAX	22.1	26.9	47.3	51.7	43.7	51.9	57.2	56.2	49.2	30.1	28.1	25.4
MIN	17.4	17.2	20.7	33.1	27.9	26.7	28.5	31.0	26.8	22.5	18.2	17.9

CAL YR 1972 MAX 58.3 MIN 17.2
WTR YR 1973 MAX 57.2 MIN 17.2

02428401 Alabama River at Claiborne lock and dam, near Monroeville, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.50	19.00	20.80	28.60	41.60	30.60	34.00	19.40	22.90	23.70	19.00	20.00
2	26.20	18.20	24.10	27.10	42.60	43.50	33.60	19.30	23.20	23.40	19.50	19.10
3	23.50	19.00	28.80	28.10	42.90	50.40	32.10	21.60	22.00	24.40	21.20	18.50
4	24.80	22.30	34.20	29.00	45.70	52.60	30.90	23.20	21.90	23.80	21.60	17.90
5	23.30	22.00	37.60	37.10	46.40	54.60	30.00	23.00	20.70	22.40	22.70	17.90
6	22.20	21.80	36.20	44.10	45.40	55.00	29.70	20.90	25.10	21.70	22.80	17.90
7	23.10	19.00	35.80	47.10	45.40	55.40	29.30	21.60	25.00	20.10	22.70	17.90
8	23.00	18.70	42.80	49.10	46.70	55.00	29.50	20.80	27.20	19.80	24.70	17.80
9	23.10	18.00	45.80	50.30	47.50	53.20	29.00	23.30	25.00	24.10	26.50	19.30
10	20.40	23.20	46.90	50.30	47.60	50.30	27.30	24.20	23.40	27.00	24.90	21.00
11	18.10	25.30	46.30	49.80	46.60	47.70	27.70	25.90	21.60	24.80	23.60	21.10
12	18.30	19.10	45.60	51.40	44.60	45.30	29.80	26.20	21.40	23.30	21.40	21.50
13	17.60	19.00	41.20	53.30	42.00	42.00	29.10	26.40	20.50	21.70	19.40	20.00
14	17.60	19.90	34.40	55.10	39.80	36.90	29.00	31.20	19.50	24.20	18.70	20.40
15	17.50	19.20	31.10	56.50	37.10	34.10	29.00	35.60	24.00	24.40	19.00	21.10
16	17.50	19.50	32.00	57.60	37.40	35.50	29.00	38.50	23.10	22.90	20.80	23.30
17	18.70	21.10	31.50	58.20	38.50	35.60	29.10	38.90	21.20	23.40	21.50	22.40
18	19.00	20.60	31.50	58.30	38.10	34.60	27.00	38.90	20.80	21.60	21.50	22.20
19	18.30	21.80	34.40	57.70	36.70	35.00	25.90	38.00	20.60	23.20	20.70	19.70
20	18.30	19.90	33.30	56.20	38.40	35.10	27.90	37.90	20.40	25.20	20.40	22.30
21	18.20	18.90	39.20	54.30	36.80	31.90	29.20	36.90	20.10	25.00	20.90	25.40
22	19.10	17.40	38.00	53.00	35.90	30.80	29.30	33.90	19.20	24.20	20.30	24.40
23	19.40	17.40	37.40	52.10	34.80	30.70	30.50	28.10	19.00	23.10	20.00	21.40
24	21.40	18.10	36.80	51.10	35.60	32.50	25.20	25.30	19.20	21.00	20.20	19.10
25	19.70	22.10	36.00	49.70	34.20	33.20	27.90	25.70	19.40	22.70	19.50	19.60
26	20.00	21.20	33.00	47.70	33.50	33.10	24.10	27.20	18.90	23.90	18.80	20.50
27	18.60	21.90	31.00	44.80	32.40	33.80	22.10	27.90	25.00	20.90	19.90	23.10
28	19.10	19.50	30.00	43.20	32.90	31.80	23.80	24.80	27.40	22.00	21.10	24.40
29	18.90	19.00	27.30	40.40	30.70	31.50	21.70	21.90	28.10	21.50	20.20	26.00
30	20.40	19.00	26.10	37.50	------	33.00	20.20	21.60	28.80	20.30	20.00	24.50
31	20.80	------	28.10	38.60	------	32.40	------	20.30	------	19.20	20.00	------
MAX	26.2	25.3	46.9	58.3	47.6	55.4	34.0	38.9	28.8	27.0	26.5	26.0
MIN	17.5	17.4	20.8	27.1	30.7	30.6	20.2	19.3	18.9	19.2	18.7	17.8

WTR YR 1972 MAX 58.3 MIN 17.4

MOBILE RIVER MAIN STEM

02429500 Alabama River at Claiborne, Ala.

LOCATION.--Lat 31°32'48", long 87°30'45", in sec. 25, T. 7 N., R. 5 E., Monroe County, near left bank on downstream side of bridge on U.S. Highway 84 at Claiborne, 0.5 mi (0.8 km) downstream from Limestone Creek, 12 mi (19 km) west of Monroeville, and at mile 76.1 (122.4 km).

DRAINAGE AREA.--22,000 mi^2, approximately (57,000 km^2, approximately).

PERIOD OF RECORD.--April 1930 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.4 ft (0.12 m) above mean sea level.

AVERAGE DISCHARGE.--45 years, 32,540 ft^3/s (921.5 m^3/s), 20.08 in/yr (510 mm/yr).

EXTREMES.--Current year: Maximum discharge, 170,000 ft^3/s (4,810 m^3/s) Feb. 22 (gage height, 47.95 ft or 14.615 m); minimum, 7,080 ft^3/s (201 m^3/s) Oct. 9.
Period of record: Maximum discharge, 267,000 ft^3/s (7,560 m^3/s) Mar. 7, 1961; maximum gage height, 55.15 ft (16.810 m) Mar. 7, 1961; minimum daily discharge, 2,850 ft^3/s (80.7 m^3/s) July 13, 1970.

REMARKS.--Records fair. Flow regulated by reservoirs on Etowah, Coosa, Tallapoosa, and Alabama Rivers. (See Reservoirs in Mobile River basin.)

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13,300	13,700	23,300	61,500	76,800	85,700	87,800	34,800	25,200	17,300	98,600	14,100
2	11,000	11,500	22,300	59,600	67,700	76,100	89,200	41,300	30,000	23,300	93,100	13,700
3	9,960	9,390	28,400	61,600	59,700	69,600	96,000	31,300	24,200	27,400	77,100	13,400
4	9,480	8,510	26,500	59,600	60,000	61,800	108,000	24,300	27,800	20,200	59,000	15,000
5	8,360	8,160	25,800	59,800	78,400	54,300	118,000	22,900	25,700	16,600	46,600	18,800
6	8,980	9,210	24,500	53,100	92,700	48,400	124,000	22,400	21,700	14,800	56,100	21,800
7	8,340	10,300	28,100	39,200	99,100	45,700	124,000	31,700	17,600	14,300	60,000	24,400
8	7,820	14,700	21,100	78,100	106,000	41,100	124,000	37,600	18,000	30,700	56,400	14,800
9	7,320	12,100	20,300	100,000	110,000	35,600	108,000	44,700	17,500	54,000	48,700	14,600
10	7,300	8,850	25,800	107,000	108,000	36,700	95,100	47,600	17,400	52,200	45,800	19,100
11	7,810	8,220	22,900	116,000	99,300	33,400	86,300	39,700	32,600	51,500	46,900	25,500
12	10,100	9,390	22,700	122,000	90,700	37,700	82,100	32,400	33,300	43,200	56,100	25,100
13	8,600	12,300	26,400	122,000	80,000	49,600	82,000	21,800	42,800	33,900	62,900	26,900
14	8,030	16,000	20,100	124,000	73,900	75,400	82,000	30,600	46,000	31,400	57,800	24,900
15	7,790	18,600	21,800	123,000	70,700	89,700	93,000	31,600	46,800	21,800	46,000	14,900
16	8,070	14,900	21,200	112,000	72,600	107,000	112,000	32,700	38,500	19,800	37,900	14,000
17	13,300	11,900	19,700	95,400	124,000	115,000	123,000	33,700	31,200	17,100	32,300	13,900
18	9,860	9,250	25,800	78,900	135,000	128,000	128,000	55,100	29,500	17,900	31,800	19,600
19	8,400	8,720	30,200	61,400	152,000	139,000	127,000	55,200	29,800	17,400	31,400	20,800
20	8,130	10,700	33,500	45,300	162,000	144,000	120,000	48,800	21,700	19,200	30,700	19,300
21	8,270	17,900	32,800	49,200	169,000	145,000	89,800	42,800	17,400	20,600	22,200	39,800
22	9,160	17,800	27,700	46,100	169,000	148,000	62,900	36,100	27,200	20,500	21,800	33,100
23	8,330	22,200	18,200	41,800	169,000	151,000	40,500	36,100	25,200	26,500	17,600	44,100
24	8,030	18,300	56,400	41,200	159,000	152,000	43,000	31,600	16,000	27,800	20,300	69,600
25	8,440	16,600	93,400	54,400	144,000	152,000	43,900	27,300	16,000	27,600	18,100	79,700
26	9,640	13,600	98,500	75,100	127,000	143,000	35,400	26,400	17,400	31,900	18,600	70,000
27	8,250	12,500	102,000	86,400	111,000	133,000	28,600	22,900	17,400	38,900	19,400	64,000
28	8,000	18,100	99,800	93,800	97,200	122,000	24,300	18,300	14,500	32,300	20,000	54,000
29	8,040	13,700	92,100	97,400	------	111,000	24,700	20,800	14,200	32,200	15,800	45,000
30	7,970	12,500	76,500	97,200	------	101,000	31,000	16,600	16,500	34,400	15,000	40,000
31	8,580	------	62,600	90,300	------	92,200	------	22,300	------	86,900	14,500	------
TOTAL	274,660	389,600	1,250,400	2,452,400	3,063,800	2,924,000	2,533,600	1,021,400	759,100	923,600	1,278,500	913,900
MEAN	8,860	12,990	40,340	79,110	109,400	94,320	84,450	32,950	25,300	29,790	41,240	30,460
MAX	13,300	18,600	102,000	124,000	169,000	152,000	128,000	55,200	46,800	86,900	98,600	79,700
MIN	7,300	8,160	18,200	41,200	59,700	33,400	24,300	16,600	14,200	14,300	14,500	13,400

CAL YR 1974 TOTAL 12,674,150 MEAN 34,700 MAX 111,000 MIN 7,300 CFSM 1.58 IN 21.43
WTR YR 1975 TOTAL 17,784,960 MEAN 48,730 MAX 169,000 MIN 7,300 CFSM 2.22 IN 30.06

02429595 Little River near Uriah, Ala.

LOCATION.--Lat 31°14'31", long 87°36'50", in NW¼ sec. 7, T. 3 N., R. 5 E., Escambia County, on left bank 150 ft (46 m) upstream from bridge on county road, 7 mi (11 km) northwest of McCullough.

DRAINAGE AREA.--99.2 mi^2 (256.9 km^2).

PERIOD OF RECORD.--October 1968 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 130 ft (40 m) from topographic map.

AVERAGE DISCHARGE.--7 years, 174 ft^3/s (4.927 m^3/s), 23.82 in/yr (605 mm/yr).

EXTREMES.--Current year: Maximum discharge, 8,270 ft^3/s (234 m^3/s) Apr. 10 (gage height, 14.15 ft or 4.313 m); minimum, 91 ft^3/s (2.58 m^3/s) Oct. 25, 30, 31, Nov. 1, 2, 5.
Period of record: Maximum discharge, 12,500 ft^3/s (354 m^3/s) Sept. 8, 1974 (gage height, 16.14 ft or 4.919 m); minimum, 43 ft^3/s (1.22 m^3/s) Oct. 4, 1970.

REMARKS.--Records fair except those for period of no gage-height record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	130	91	306	118	124	137	289	406	500	150	2,010	176
2	122	100	158	109	124	133	235	253	280	130	890	150
3	120	99	131	107	122	124	263	237	200	210	648	139
4	116	99	121	133	219	233	226	421	160	150	471	132
5	113	117	107	131	808	287	196	287	150	140	392	160
6	105	127	113	114	416	178	180	308	140	130	476	285
7	112	112	138	114	207	148	176	348	130	130	461	478
8	109	107	155	578	176	182	199	1,230	150	120	344	380
9	108	107	122	644	166	152	432	600	200	150	337	250
10	107	107	110	327	166	137	4,630	350	400	120	461	251
11	105	129	110	476	161	136	2,530	230	600	120	333	268
12	105	173	110	325	182	134	872	200	400	110	316	250
13	105	125	110	329	179	133	598	190	250	120	239	191
14	104	110	109	211	144	204	658	190	190	130	217	155
15	121	118	312	181	133	164	1,150	200	240	120	199	145
16	207	114	396	166	445	508	652	210	180	110	191	137
17	147	129	178	155	438	531	483	350	150	110	181	158
18	122	231	143	151	284	932	425	250	130	110	170	210
19	113	155	147	148	366	1,580	396	180	170	110	176	160
20	108	272	233	150	245	480	374	170	140	110	244	137
21	105	267	230	144	186	318	354	160	130	190	241	129
22	114	151	161	133	167	278	333	150	120	250	187	255
23	103	127	140	167	180	230	322	150	120	180	187	1,350
24	103	120	261	224	269	247	316	140	110	140	196	960
25	92	107	209	209	185	258	316	140	110	110	172	368
26	100	108	164	180	152	207	302	140	100	140	374	278
27	99	107	141	145	145	192	287	210	110	120	235	237
28	99	107	133	136	140	188	278	170	130	110	184	212
29	99	105	131	130	------	198	259	160	300	112	223	198
30	94	251	124	125	------	563	233	150	210	360	181	224
31	91	------	121	126	------	569	------	150	------	4,110	205	------
TOTAL	3,478	4,072	5,124	6,386	6,529	9,761	17,964	8,330	6,200	8,402	11,141	8,423
MEAN	112	136	165	206	233	315	599	269	207	271	359	281
MAX	207	272	396	644	808	1,580	4,630	1,230	600	4,110	2,010	1,350
MIN	91	91	107	107	122	124	176	140	100	110	170	129
CFSM	1.13	1.37	1.66	2.08	2.35	3.18	6.04	2.71	2.09	2.73	3.62	2.83
IN.	1.30	1.53	1.92	2.39	2.45	3.66	6.74	3.12	2.33	3.15	4.18	3.16

CAL YR 1974 TOTAL 75,691 MEAN 207 MAX 6,890 MIN 69 CFSM 2.09 IN 28.38
WTR YR 1975 TOTAL 95,810 MEAN 262 MAX 4,630 MIN 91 CFSM 2.64 IN 35.93

PEAK DISCHARGE (BASE, 1,200 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
3-19	0500	8.53	2,320	5-08	Unknown	Unknown	Unknown
4-10	1700	14.15	8,270	7-31	1700	12.76	6,270
4-15	1100	5.93	1,330	9-23	2000	8.00	2,050

NOTE.--No gage-height record May 8 to July 28.

02441500 Tombigbee River at Columbus, Miss.

LOCATION.--Lat 33°29'21", long 88°25'57", in NW¼ sec. 20, T. 18 S., R. 18 W., Huntsville meridian, Lowndes County, on left bank at Columbus, 1,200 ft (370 m) downstream from bridge on U.S. Highway 45E and 82, 1,800 ft (550 m) upstream from Gulf, Mobile, and Ohio Railroad bridge, 2.3 mi (3.7 km) upstream from Luxapallila Creek, 6.7 mi (10.8 km) downstream from Tibbee Creek, and at mile 319.7 (514.4 km).

DRAINAGE AREA.--4,490 mi^2 (11,630 km^2), approximately.

PERIOD OF RECORD.--October 1899 to December 1912, August 1928 to current year. Monthly discharge only for some periods, published in WSP 1304. Gage-height records collected in this vicinity since 1890 are contained in reports of National Weather Service.

SEE WATER RESOURCES DATA FOR MISSISSIPPI, 1975

02443000 Luxapallila Creek at Steens, Miss.

LOCATION.--Lat 33°33'35", long 88°18'55", in NE¼ sec. 27, T. 17 S., R. 17 W., Huntsville meridian, Lowndes County, on left bank at downstream side of highway bridge, 0.2 mi (0.3 km) southeast of Steens, 1 mi (1.6 km) upstream from Yellow Creek, and 6.5 mi (10.5 km) northeast of Columbus.

DRAINAGE AREA.--309 mi^2 (800 km^2).

PERIOD OF RECORD.--October 1943 to September 1947, October 1949 to current year. Prior to October 1966, published as Luxapalila Creek at Steens.

SEE WATER RESOURCES DATA FOR MISSISSIPPI, 1975

02444000 Coal Fire Creek near Pickensville, Ala.

LOCATION.--Lat 33°17'51", long 88°15'56", in NE¼ sec. 25, T. 20 S., R. 17 W., Pickens County, near center of channel on downstream side of bridge on State Highway 14, 4.5 mi (7.2 km) north of Pickensville, and at mile 4.5 (7.2 km).

DRAINAGE AREA.--131 mi^2 (339 km^2)

PERIOD OF RECORD.--October 1954 to September 1971, October 1974 to current year (October 1971 to September 1974, low flow and flood-hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 148.50 ft (45.263 m) above mean sea level.

AVERAGE DISCHARGE.--18 years (1954-71, 1975), 162 ft^3/s (4.588 m^3/s) 16.79 in/yr (426 mm/yr).

EXTREMES.--Current year: Maximum discharge, 2,500 ft^3/s (70.8 m^3/s) Jan. 12 (gage height, 8.29 ft or 2.527 m); minimum, 26 ft^3/s (0.74 m^3/s) Sept. 16, 17 (gage height, 0.90 ft or 0.274 m).
Period of record: Maximum discharge 9,820 ft^3/s (278 m^3/s) Mar. 20, 1970 (gage height, 10.45 ft or 3.185 m); minimum, 2.0 ft^3/s (0.057 m^3/s) Sept. 25, 1955, Aug. 12, 1956 (gage height, 0.42 ft or 0.128 m).

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 1704: 1958.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	76	104	729	200	296	332	186	88	58	304	48
2	47	63	125	612	194	253	339	181	75	57	385	49
3	43	57	118	497	244	227	316	167	65	71	525	42
4	39	54	97	396	310	208	257	189	56	54	557	38
5	38	59	85	316	401	192	218	195	51	45	416	34
6	37	85	78	282	521	178	197	178	50	40	260	32
7	37	92	105	247	528	171	178	150	48	41	214	33
8	36	78	182	247	445	182	165	172	49	92	163	34
9	38	65	223	285	361	178	187	200	64	136	111	36
10	39	60	236	630	286	169	253	208	67	156	88	36
11	39	64	206	1,500	238	182	271	180	104	179	96	34
12	38	93	138	2,290	222	194	268	134	147	106	113	33
13	38	107	125	1,440	232	432	237	110	150	85	91	32
14	38	96	114	936	236	1,260	309	98	132	70	73	29
15	42	78	104	682	218	2,140	397	104	129	58	63	28
16	55	75	100	537	469	1,230	515	135	164	50	58	26
17	94	82	99	432	751	800	495	141	133	45	73	27
18	100	100	96	352	1,210	672	428	165	97	41	136	30
19	74	116	89	316	1,340	640	326	201	67	39	171	38
20	55	123	95	332	1,570	598	239	228	63	42	143	45
21	50	153	100	322	1,060	624	198	150	82	47	118	40
22	47	178	93	332	725	556	175	104	86	65	85	38
23	45	185	88	313	584	449	156	89	105	84	68	72
24	44	149	273	269	542	438	143	79	113	73	61	158
25	44	104	358	326	508	435	137	72	74	55	61	185
26	44	98	624	356	466	451	146	65	54	89	62	188
27	44	96	864	417	431	407	158	61	48	78	54	147
28	44	88	753	400	369	362	144	57	46	102	47	81
29	44	80	644	356	------	292	133	56	46	89	42	65
30	45	81	604	278	------	294	158	62	47	59	40	57
31	66	------	641	223	------	305	------	86	------	90	40	------
TOTAL	1,499	2,835	7,561	16,650	14,661	14,815	7,475	4,203	2,500	2,296	4,718	1,735
MEAN	48.4	94.5	244	537	524	478	249	136	83.3	74.1	152	57.8
MAX	100	185	864	2,290	1,570	2,140	515	228	164	179	557	188
MIN	36	54	78	223	194	169	133	56	46	39	40	26
CFSM	.37	.72	1.86	4.10	4.00	3.65	1.90	1.04	.64	.57	1.16	.44
IN.	.43	.81	2.15	4.73	4.16	4.21	2.12	1.19	.71	.65	1.34	.49

WTR YR 1975 TOTAL 80,948 MEAN 222 MAX 2,290 MIN 26 CFSM 1.69 IN 22.99

PEAK DISCHARGE (BASE, 1,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-12	0800	8.29	2,500	3-15	0600	8.26	2,460
2-20	0600	7.69	1,700				

02444500 Tombigbee River near Cochrane, Ala.

LOCATION.--Lat 33°04'45", long 88°14'18", in sec. 7, T. 24 N., R. 2 W., Pickens County, near left bank on downstream side of bridge on State Highway 17, 200 ft (61 m) upstream from Alabama, Tennessee and Northern Railroad bridge, 1.2 mi (1.9 km) northeast of Cochrane, 2.2 mi (3.5 km) downstream from Boguechitto Creek, 7 mi (11 km) southwest of Aliceville, and at mile 271.4 (436.7 km).

DRAINAGE AREA.--5,990 mi^2 (15,500 km^2), approximately.

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for period October to December 1938, published in WSP 1304. Gage-height records collected at same site from November 1909 to September 1924 are contained in reports of the National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 89.85 ft (27.386 m) above mean sea level. Prior to July 10, 1939, nonrecording gage at site 200 ft (61 m) downstream at same datum. Since Jan. 30, 1940, auxiliary water-stage recorder or nonrecording gage 14 mi (23 km) downstream from base gage at datum 7.76 ft (2.365 m) lower.

AVERAGE DISCHARGE.--37 years, 8,631 ft^3/s (244.4 m^3/s), 19.57 in/yr (497 mm/yr).

EXTREMES.--Current year. Maximum discharge, 109,000 ft^3/s (3,090 m^3/s) Mar. 19; maximum gage height, 43.10 ft or 13.137 m Mar. 20; minimum discharge, 1,230 ft^3/s (34.8 m^3/s) Oct. 14, 15.

Period of record: Maximum discharge, 166,000 ft^3/s (4,700 m^3/s) Mar. 21, 1973; maximum gage height, 47.37 ft or 14.438 m Mar. 21, 1973; minimum discharge, 165 ft^3/s (4.67 m^3/s) Sept. 21, 1954 (gage height, 2.34 ft or 0.713 m).

Flood in April 1892 reached a stage of 50.2 ft (15.30 m) present datum (discharge not determined), from reports of National Weather Service.

REMARKS.--Records good except those for period of missing record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,910	1,440	3,940	44,000	9,290	12,300	26,900	7,150	6,450	2,200	8,340	1,870
2	1,790	1,510	5,940	45,000	8,780	11,000	28,800	7,090	5,700	2,230	8,010	1,950
3	1,630	1,540	5,670	44,000	11,300	9,790	32,400	6,890	4,990	2,170	11,400	1,890
4	1,520	1,510	4,500	43,000	19,600	8,670	36,700	7,740	4,270	2,050	13,700	1,740
5	1,440	1,540	3,720	42,000	22,700	7,800	39,600	8,930	3,750	1,980	13,600	1,610
6	1,380	1,710	3,230	38,000	25,000	7,350	39,400	8,690	3,300	1,910	13,600	1,480
7	1,340	3,700	3,900	35,000	26,500	6,740	35,400	7,690	2,950	1,820	12,800	1,500
8	1,310	3,910	9,760	32,000	26,900	6,380	27,400	9,250	2,750	1,860	9,930	2,850
9	1,290	3,480	13,600	31,500	25,200	6,110	17,300	13,600	3,110	3,160	7,720	3,770
10	1,270	2,820	14,600	29,500	19,700	5,920	12,500	14,600	3,660	5,720	6,400	3,490
11	1,260	2,390	14,100	36,300	13,400	6,160	13,100	13,500	3,970	6,360	5,600	3,000
12	1,260	2,270	12,100	41,600	10,300	8,390	12,500	11,400	10,400	6,490	5,000	2,610
13	1,260	2,230	10,500	44,800	10,300	15,000	10,900	8,900	12,700	7,130	4,700	2,430
14	1,250	2,320	8,840	45,800	11,500	35,100	13,200	7,250	14,300	6,370	4,100	2,620
15	1,250	2,360	7,180	46,500	10,800	47,100	18,000	5,970	15,200	5,340	3,600	2,960
16	1,280	2,250	6,170	45,600	17,100	59,000	19,000	9,000	13,900	4,120	3,100	2,760
17	1,390	2,180	7,040	44,400	26,000	71,400	19,200	13,000	10,500	3,190	3,400	2,530
18	1,870	2,270	6,800	41,200	31,300	94,100	17,400	17,000	8,570	2,670	4,370	2,290
19	2,260	2,770	5,670	36,000	37,900	106,000	13,600	16,000	7,160	2,380	6,450	3,300
20	2,140	3,260	4,970	30,200	43,600	99,500	10,300	15,000	5,520	2,220	6,850	4,960
21	1,820	8,540	4,480	24,300	48,100	88,300	11,400	13,000	5,160	2,350	6,620	4,760
22	1,600	11,400	4,030	20,700	49,500	73,000	11,600	10,000	5,250	2,340	5,500	4,870
23	1,490	10,700	3,750	18,800	47,000	64,000	10,300	8,000	5,040	2,490	4,660	4,820
24	1,430	8,900	10,000	18,100	41,700	56,000	8,730	6,600	4,120	3,330	3,880	4,700
25	1,400	6,900	22,000	18,500	34,500	49,000	7,670	5,800	3,550	3,100	3,390	5,230
26	1,380	4,900	27,000	19,400	28,600	40,600	7,220	4,650	3,150	3,510	3,050	6,240
27	1,380	4,830	31,000	19,200	23,000	36,800	6,710	3,930	2,720	6,230	2,690	6,220
28	1,380	4,440	35,000	16,800	16,500	35,200	7,270	3,960	2,440	7,200	2,380	5,640
29	1,370	3,880	40,000	13,300	------	33,400	7,280	4,360	2,260	6,450	2,040	4,760
30	1,370	3,500	42,000	11,300	------	30,500	7,360	4,100	2,180	5,350	1,970	3,970
31	1,370	------	43,000	10,200	------	26,800	------	5,610	------	4,920	1,870	------
TOTAL	46,090	115,450	414,490	987,000	696,070	1,157.4M	529,140	278,660	179,020	118,640	190,720	102,820
MEAN	1,487	3,848	13,370	31,840	24,860	37,340	17,640	8,989	5,967	3,827	6,152	3,427
MAX	2,260	11,400	43,000	46,500	49,500	106,000	39,600	17,000	15,200	7,200	13,700	6,240
MIN	1,250	1,440	3,230	10,200	8,780	5,920	6,710	3,930	2,180	1,820	1,870	1,480
CFSM	.25	.64	2.23	5.32	4.15	6.23	2.94	1.50	1.00	.64	1.03	.57
IN.	.29	.72	2.57	6.13	4.32	7.19	3.29	1.73	1.11	.74	1.18	.64

CAL YR 1974 TOTAL 4,966,540 MEAN 13,610 MAX 51,300 MIN 1,250 CFSM 2.27 IN 30.84
WTR YR 1975 TOTAL 4,815,510 MEAN 13,190 MAX 106,000 MIN 1,250 CFSM 2.20 IN 29.91

NOTE.--No gage-height record Aug. 10 to Sept. 30.

02448500 Noxubee River near Geiger, Ala.

LOCATION.--Lat 32°55'06", long 88°17'45", in SE¼ sec. 33, T. 23 N., R. 3 W., Sumter County, near left bank on downstream side of bridge on State Highway 17, 0.5 mile (0.8 km) upstream from Woodards Creek, 1 mile (1.6 km) upstream from Alabama, Tennessee and Northern Railroad bridge, 4 miles (6.4 km) north of Geiger, and at mile 16.9 (27.2 km).

DRAINAGE AREA.--1,140 mi^2 (2,950 km^2), approximately.

PERIOD OF RECORD.--March 1939 to September 1940, July 1944 to September 1965, October 1965 to September 1966 (gage heights only), October 1966 to current year. (Monthly discharge only for period October to December 1966).

GAGE.--Water-stage recorder. Datum of gage is 86.08 ft (26.237 m) above mean sea level. Prior to Sept. 30. 1940, nonrecording gage at site of old highway bridge 1 mile (1.6 km) downstream at datum 84.64 ft (25.798 m) above mean sea level. July 26, 1944, to June 5, 1949, nonrecording gage at present site and datum. Water-stage recorder for Tombigbee River at Gainesville is used as an auxiliary gage for this station.

AVERAGE DISCHARGE.--31 years (1939-40, 1944-65, 1966-75), 1,494 ft^3/s (42.31 m^3/s), 17.78 in/yr (452 mm/yr).

EXTREMES.--Current year: Maximum discharge, 23,100 ft^3/s (654 m^3/s) Mar. 18; (gage height 39.63 ft or 12.079 m); minimum discharge, 90 ft^3/s (2.55 m^3/s) Nov. 1.
Period of record: Maximum discharge, 37,600 ft^3/s (1,060 m^3/s) Mar. 31, 1951 (gage height, 42.7 ft or 13.01 m); minimum discharge, 13 ft^3/s (0.37 m^3/s) July 7, 1954.

REMARKS.--Records fair. Discharge includes flow of Noxubee cutoff channel at bridge on State Highway 17, 1 mile north of gage.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	576	91	746	4,930	1,130	983	2,000	2,690	946	185	2,400	224
2	395	93	898	4,330	1,330	810	1,410	1,820	724	180	3,840	234
3	276	92	985	3,830	2,400	736	1,210	1,270	606	178	3,510	208
4	242	93	684	3,400	6,000	682	1,120	2,560	502	200	3,020	226
5	226	97	525	3,150	6,960	634	899	2,590	410	240	2,710	209
6	201	100	426	2,730	6,210	597	658	2,040	349	270	2,880	195
7	183	110	1,130	1,790	4,780	576	543	1,780	308	254	2,370	185
8	169	133	3,190	1,830	3,360	627	489	1,610	289	351	1,670	185
9	160	123	2,790	3,660	2,810	585	1,760	1,510	299	639	1,010	205
10	155	116	1,650	4,670	2,700	585	5,390	1,080	759	1,040	684	205
11	152	124	977	11,000	2,400	701	4,590	926	1,140	1,280	562	186
12	146	134	773	12,600	1,520	710	2,760	818	2,890	2,610	548	195
13	141	128	695	12,600	1,120	1,450	1,800	724	2,780	1,500	489	241
14	137	135	641	11,700	876	5,980	4,790	720	1,300	658	518	233
15	135	135	568	10,900	733	7,180	8,120	625	1,610	443	500	197
16	138	128	537	9,820	4,030	8,020	8,050	737	1,390	341	536	183
17	139	137	504	8,370	7,500	14,300	6,830	3,400	965	308	679	177
18	186	211	450	6,740	7,930	22,700	5,480	3,240	619	302	706	175
19	188	310	434	4,870	8,140	20,900	3,580	1,570	454	289	644	174
20	155	352	441	2,770	7,670	16,000	2,500	1,350	413	350	911	181
21	150	358	419	2,410	7,190	12,200	2,100	1,520	875	441	898	178
22	137	382	390	2,080	7,190	9,870	1,360	1,560	1,090	335	751	185
23	126	356	609	1,590	7,590	8,160	927	1,140	1,490	335	582	259
24	117	298	6,950	1,400	8,440	6,420	742	695	595	322	463	368
25	109	249	9,630	4,730	8,090	5,430	667	502	352	400	372	542
26	106	230	9,780	5,440	6,920	4,970	817	438	282	903	307	393
27	103	213	8,460	3,510	4,420	4,350	664	403	230	1,220	270	284
28	99	223	7,220	2,140	1,790	2,970	580	359	215	818	248	259
29	94	218	6,660	1,770	------	2,160	615	346	200	555	236	241
30	95	260	6,280	1,770	------	2,860	2,020	855	195	549	225	222
31	93	------	5,620	1,550	------	2,730	------	1,350	------	804	216	------
TOTAL	5,329	5,629	81,062	154,080	131,229	166,876	74,471	42,228	24,277	18,300	34,755	6,949
MEAN	172	188	2,615	4,970	4,687	5,383	2,482	1,362	809	590	1,121	232
MAX	576	382	9,780	12,600	8,440	22,700	8,120	3,400	2,890	2,610	3,840	542
MIN	93	91	390	1,400	733	576	489	346	195	178	216	174
CFSM	.15	.16	2.29	4.36	4.11	4.72	2.18	1.19	.71	.52	.98	.20
IN.	.17	.18	2.65	5.03	4.28	5.45	2.43	1.38	.79	.60	1.13	.23

CAL YR 1974 TOTAL 933,267 MEAN 2,557 MAX 18,100 MIN 91 CFSM 2.24 IN 30.45
WTR YR 1975 TOTAL 745,185 MEAN 2,042 MAX 22,700 MIN 91 CFSM 1.79 IN 24.32

02449000 Tombigbee River at Gainesville, Ala.

LOCATION.--Lat 32°49'30", long 88°09'24", in SE¼ sec. 2, T. 21 N., R. 2 W., Sumter County, near right bank on downstream side of bridge on State Highway 39 at Gainesville, 2 miles (3.2 km) downstream from Noxubee River, and at mile 234.4 (377.1 km).

DRAINAGE AREA.--8,700 mi^2 (22,500 km^2), approximately.

PERIOD OF RECORD.--October 1938 to September 1955, October 1955 to September 1960 (fragmentary), October 1960 to current year. Gage-height records collected at same site from 1937 to December 1971 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 63.29 ft (19.291 m) above mean sea level. Prior to Feb. 2, 1939, nonrecording gage at present site and datum. Water-stage recorder 1.5 miles (2.4 km) downstream from base gage used as base for low-water periods during 1963 water year. Since Oct. 15, 1939, auxiliary water-stage recorder 19.2 miles (30.9 km) downstream from base gage at datum 10.14 ft (3.091 m) lower. Prior to Oct. 15, 1939, auxiliary nonrecording gage 700 ft (213 m) upstream from site of auxiliary water-stage recorder.

AVERAGE DISCHARGE.--32 years (1938-55, 1960-75), 12,160 ft^3/s (344.4 m^3/s), 18.98 in/yr (482 mm/yr).

EXTREMES.--Current year: Maximum discharge, 108,000 ft^3/s (3,060 m^3/s) Mar. 21; maximum gage height, 50.43 ft or 15.371 m Mar. 22; minimum daily discharge, 1,840 ft^3/s (52.1 m^3/s) Oct. 15.
Period of record: Maximum discharge, 172,000 ft^3/s (4,870 m^3/s) Mar. 23, 1973; maximum gage height, 54.21 ft or 16.523 m Mar. 23, 1973; minimum daily discharge, 250 ft^3/s (7.08 m^3/s) Sept. 21, 22, 1954.

REMARKS.--Records good above 4,000 ft^3/s (113 m^3/s), fair between 2,000 (56.6) and 4,000 ft^3/s (113 m^3/s), and poor below 2,000 ft^3/s (56.6 m^3/s). Discharge below 2,500 ft^3/s (70.8 m^3/s) is adversely affected by varying backwater from Demopolis lock and dam downstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3510	1980	5340	42600	14900	25800	39800	13900	8210	2720	11700	2470
2	3060	2040	6830	44100	14500	18900	36800	11600	7700	2850	15700	2500
3	2640	2100	7690	45700	16200	15500	37000	9990	6740	2910	16400	2380
4	2470	2150	6660	46900	31100	13500	37900	11700	5780	2840	19400	2250
5	2230	2080	5440	47800	38300	11900	39300	13400	5050	2870	20900	2200
6	2130	2140	4780	48400	39000	10700	40100	13300	4430	2520	19900	2100
7	2020	3210	5720	47900	37900	9830	39700	12000	4120	2590	20000	2040
8	1930	4480	11100	47200	36000	9210	37300	11300	3880	2390	18500	2750
9	1910	4290	16300	47300	34400	8810	32500	15400	3860	3890	14700	4090
10	1920	3820	17100	45500	31900	8670	32300	17900	4850	6680	10900	4030
11	1890	3260	16600	51200	26300	8670	29000	17400	5490	8180	8800	3550
12	1850	3000	14900	55700	19500	9920	24000	15200	10900	9440	7950	3010
13	1850	3190	12900	58800	16400	15500	19000	12000	16000	9720	7310	2840
14	1850	3110	11200	59300	16100	37100	24500	9630	16800	8640	6590	3010
15	1840	3200	9440	59300	15600	45500	37700	8100	21100	7630	5610	3390
16	1850	3130	8310	59600	23300	50000	38600	8300	20800	6470	4980	3150
17	1880	3040	8080	59500	36800	55000	36000	17100	16300	5110	5090	3010
18	2220	3240	8540	58100	40800	64000	32600	23500	12100	4240	6010	2690
19	2770	3720	7700	54800	43800	78800	29000	22800	9660	3710	8030	3060
20	3010	4130	7010	49400	46200	98100	21400	21300	7880	3320	9280	5200
21	2730	6430	6400	43000	48300	106000	17600	19000	7200	3380	9420	5290
22	2440	10600	5920	36000	50300	103000	17500	16800	7230	3320	7950	5270
23	2220	11700	4930	29700	52700	93600	15600	14700	8090	3330	6560	5620
24	2090	10400	21300	25900	54600	84000	13800	12400	6400	3830	5440	5690
25	2020	8790	36000	31600	53800	75500	11000	9360	5100	4320	4690	6230
26	1960	6740	39300	35000	50400	67100	10000	7270	4510	4280	4150	7200
27	1940	5900	39100	33100	44700	60700	8580	5840	3970	6280	3670	7550
28	1980	5730	38400	29600	36000	55200	8970	5350	3490	8140	3250	7060
29	1990	5220	39100	24900	---	50000	9800	5630	3400	7870	2890	6040
30	1910	4920	40600	20300	---	48000	11200	5940	2980	7120	2680	4970
31	1980	---	41500	17100	---	44400	---	7180	---	6860	2480	---
TOTAL	68090	137740	504190	1355300	969800	1382910	788550	395290	244020	157450	290930	120640
MEAN	2196	4591	16260	43720	34640	44610	26290	12750	8134	5079	9385	4021
MAX	3510	11700	41500	59600	54600	106000	40100	23500	21100	9720	20900	7550
MIN	1840	1980	4780	17100	14500	8670	8580	5350	2980	2390	2480	2040
CFSM	.25	.53	1.87	5.03	3.98	5.13	3.02	1.47	.93	.58	1.08	.46
IN.	.29	.59	2.16	5.80	4.15	5.91	3.37	1.69	1.04	.67	1.24	.52

02449000 Tombigbee River at Gainesville, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.76	10.72	12.33	34.29	19.08	26.57	34.27	17.84	14.25	11.43	16.87	11.13
2	11.42	10.75	13.19	35.07	18.59	21.74	32.25	16.54	13.83	11.54	19.13	11.01
3	11.40	10.79	13.93	35.86	19.56	19.42	32.19	15.53	13.32	11.58	19.37	11.13
4	11.22	10.81	13.31	36.45	27.94	18.09	32.29	16.32	12.88	11.62	21.03	11.23
5	11.20	10.75	12.76	36.90	32.31	17.11	32.70	17.22	12.54	11.38	21.83	11.20
6	11.07	10.76	12.39	37.19	32.95	16.36	32.98	17.38	12.26	11.29	21.16	11.06
7	10.86	11.14	13.06	37.08	32.49	15.73	32.80	16.69	12.18	11.31	21.27	11.17
8	10.75	11.79	15.75	37.37	31.62	15.37	31.62	16.35	11.71	11.81	20.55	11.16
9	10.80	11.83	18.61	37.59	30.63	15.13	29.76	18.78	11.76	13.13	18.46	11.68
10	10.82	11.58	19.22	37.00	29.11	14.88	29.84	20.26	12.58	14.23	16.23	11.98
11	10.79	11.41	19.08	39.52	26.01	14.84	27.56	20.01	12.99	14.72	14.88	11.66
12	10.73	11.57	18.16	41.22	22.46	15.65	24.67	18.87	15.66	15.15	14.50	11.51
13	10.72	11.54	16.93	42.52	20.22	18.84	21.68	17.02	18.61	15.33	14.26	11.41
14	10.71	11.44	15.94	42.79	19.67	30.89	25.52	15.50	19.19	14.58	13.73	11.26
15	10.67	11.52	14.95	42.85	19.37	35.36	32.55	14.49	21.74	13.94	13.11	11.35
16	10.66	11.49	14.34	42.97	24.22	38.05	32.92	14.77	21.62	13.25	12.70	11.47
17	10.89	11.31	14.14	42.96	31.27	40.49	31.64	19.99	19.15	12.52	12.67	11.44
18	10.88	11.35	14.53	42.53	33.48	43.56	29.66	23.41	16.75	12.07	13.09	11.29
19	11.08	11.55	14.09	41.42	35.02	46.80	27.20	23.29	15.27	11.80	14.21	11.26
20	11.22	11.82	13.63	39.29	36.32	48.95	22.90	22.31	14.17	11.71	14.95	12.35
21	11.11	13.18	13.23	36.05	37.46	50.30	20.10	20.96	13.65	11.87	15.00	12.49
22	11.03	15.55	12.76	31.99	38.51	50.34	19.80	19.64	13.81	12.11	14.22	12.42
23	10.88	16.20	12.58	28.03	39.63	49.88	18.80	18.34	14.22	12.02	13.38	12.93
24	10.80	15.44	24.13	25.46	40.72	49.17	17.70	16.93	13.24	12.08	12.72	13.35
25	10.77	14.50	30.92	29.17	40.64	48.23	16.20	15.19	12.51	12.33	12.18	13.51
26	10.73	13.31	32.77	31.00	39.44	46.98	15.60	13.80	12.18	12.24	12.00	14.00
27	10.73	12.87	32.85	30.15	37.00	45.46	14.90	12.97	11.94	13.33	11.81	14.31
28	10.74	12.81	32.47	28.39	32.60	43.54	14.90	12.74	11.73	14.41	11.62	13.66
29	10.74	12.45	32.75	25.93	------	41.08	15.30	12.89	11.68	14.26	11.51	12.92
30	10.77	12.17	33.20	23.07	------	39.33	16.50	13.11	11.32	13.77	11.36	12.37
31	10.75	------	33.68	20.69	------	37.16	------	13.70	------	13.90	11.31	------
MAX	11.76	16.20	33.68	42.97	40.72	50.34	34.27	23.41	21.74	15.33	21.83	14.31
MIN	10.66	10.72	12.33	20.69	18.59	14.84	14.90	12.74	11.32	11.29	11.31	11.01

CAL YR 1974 MAX 45.75 MIN 10.66
WTR YR 1975 MAX 50.34 MIN 10.66

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.06	10.69	29.38	44.24	45.04	26.40	28.15	14.45	22.52	11.62	11.48	12.64
2	12.45	10.74	30.24	44.33	45.62	22.20	28.66	13.90	22.51	11.45	11.28	15.19
3	12.06	10.76	30.83	43.78	45.75	19.52	28.96	13.43	22.25	11.43	11.18	17.45
4	11.61	10.84	31.46	42.77	45.41	18.14	30.66	13.00	21.05	11.41	11.31	17.53
5	11.34	10.92	32.40	40.99	44.55	17.21	33.62	13.15	21.58	11.21	11.22	16.79
6	11.02	10.93	32.56	38.61	43.09	16.58	35.11	13.22	27.05	11.17	11.16	15.35
7	11.01	11.13	31.75	37.49	41.50	16.05	35.63	13.35	28.86	11.46	11.07	13.79
8	10.96	11.32	29.69	37.23	39.89	15.64	35.27	13.47	27.76	12.08	11.48	17.15
9	10.78	12.13	25.49	37.83	38.51	15.30	33.28	13.25	26.52	12.09	11.65	21.30
10	10.96	14.68	19.54	38.30	37.21	14.96	28.82	13.09	26.22	12.43	11.64	21.09
11	11.32	15.47	15.91	39.38	35.63	14.65	24.16	13.23	26.00	12.53	11.56	20.29
12	11.38	14.50	14.67	40.92	33.27	14.79	21.24	14.13	25.64	12.37	11.35	18.80
13	11.23	13.65	14.07	41.65	29.58	16.06	38.37	15.82	24.98	12.23	11.46	16.99
14	11.05	12.59	13.56	42.18	24.33	16.90	42.88	17.77	23.41	11.97	12.72	15.46
15	10.87	11.86	13.37	43.02	27.04	16.24	43.80	17.86	21.54	11.75	13.65	14.67
16	10.86	11.48	13.20	43.69	32.28	15.28	43.92	18.28	20.22	11.79	13.47	14.01
17	11.01	11.27	12.86	44.15	34.04	14.38	43.74	20.50	18.70	11.63	12.91	14.03
18	11.10	11.12	12.87	44.54	34.32	13.85	43.24	21.39	16.44	11.60	12.31	13.64
19	11.07	11.03	12.80	44.79	34.83	13.83	42.33	22.00	14.72	11.56	11.83	13.00
20	10.99	11.02	14.56	45.10	34.98	19.70	40.75	22.77	14.61	11.45	11.38	12.55
21	10.88	11.95	17.34	45.41	34.08	25.00	37.64	23.47	14.73	11.38	11.30	12.11
22	10.75	14.17	18.43	44.93	33.67	26.16	32.03	23.49	14.21	11.39	11.20	11.89
23	10.69	16.91	17.77	43.80	33.63	25.87	26.76	22.29	13.42	11.20	11.08	11.49
24	10.72	18.19	16.63	42.33	33.63	25.26	24.90	20.52	12.98	11.28	10.98	11.23
25	10.65	17.83	19.46	41.16	33.53	24.63	23.53	19.87	14.10	11.28	10.95	11.19
26	10.58	16.99	34.80	40.73	33.00	23.82	21.47	20.60	14.67	11.46	10.75	11.77
27	10.57	16.02	40.50	40.82	31.91	22.56	19.38	24.27	14.34	11.59	10.68	12.04
28	10.54	20.43	41.65	41.18	29.94	21.03	17.35	27.47	13.47	11.51	10.86	11.87
29	10.52	26.55	41.95	42.23	------	21.39	16.00	28.87	12.70	11.58	10.90	12.16
30	10.54	28.39	42.11	43.15	------	25.59	15.12	28.59	12.13	11.84	10.93	12.13
31	10.61	------	43.05	44.14	------	27.71	------	26.51	------	11.75	11.47	------
MAX	12.45	28.39	43.05	45.41	45.75	27.71	43.92	28.87	28.86	12.53	13.65	21.30
MIN	10.52	10.69	12.80	37.23	24.33	13.83	15.12	13.00	12.13	11.17	10.68	11.19

CAL YR 1973 MAX 54.00 MIN 10.52
WTR YR 1974 MAX 45.75 MIN 10.52

02449000 Tombigbee River at Gainesville, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.89	11.60	16.57	24.72	26.60	14.82	46.15	37.06	18.83	11.67	12.13	11.41
2	11.15	11.34	16.58	25.58	29.60	14.87	45.58	36.98	20.96	11.36	11.96	11.24
3	11.20	11.23	15.81	25.57	30.73	15.62	44.75	36.33	20.35	11.57	11.65	11.08
4	11.11	11.67	14.55	26.78	30.41	16.58	43.54	34.76	17.35	11.76	11.85	10.96
5	11.10	12.07	13.64	28.04	29.53	18.40	41.73	31.76	15.76	12.07	11.72	11.43
6	11.08	11.82	13.63	29.73	27.97	19.70	38.88	26.92	15.48	12.31	11.41	11.46
7	10.80	11.56	13.56	31.98	25.44	21.88	36.15	21.76	15.13	15.04	11.29	11.28
8	10.63	11.45	13.45	36.00	23.55	23.13	34.85	21.77	18.78	15.69	11.37	11.10
9	10.57	11.80	13.55	38.28	21.05	23.72	32.70	24.04	17.58	15.48	11.36	10.84
10	10.57	12.48	13.24	39.74	21.45	23.90	30.50	24.59	16.02	15.63	11.25	10.77
11	10.56	12.37	16.74	41.00	22.18	26.20	28.44	23.59	14.87	15.71	11.19	10.77
12	10.52	11.90	20.84	42.16	22.64	29.67	26.34	21.43	13.87	16.89	11.19	10.92
13	10.45	11.78	22.15	43.19	22.56	30.42	23.60	19.22	13.62	17.27	11.06	11.02
14	10.42	12.07	22.82	43.83	25.64	30.27	20.77	18.87	14.34	15.96	11.69	10.89
15	10.39	12.18	26.55	43.98	29.87	29.77	18.80	18.61	14.91	14.76	12.04	10.83
16	10.42	12.43	30.00	43.44	31.71	30.92	18.26	17.24	15.02	14.28	12.32	10.68
17	10.41	12.39	31.37	41.65	32.50	35.62	21.42	15.77	14.74	14.18	12.48	10.66
18	10.43	11.98	32.04	38.89	33.02	37.63	24.00	14.67	14.48	14.26	13.25	10.72
19	10.42	12.04	32.42	30.16	33.22	39.55	27.40	13.91	15.57	15.19	12.48	10.76
20	10.45	12.12	32.47	23.71	33.25	41.54	27.38	13.55	18.45	15.09	11.66	10.74
21	10.47	13.57	33.55	22.72	33.12	47.28	26.24	13.79	20.37	14.67	11.47	10.90
22	10.47	14.30	33.99	29.13	32.35	52.10	25.38	14.60	19.86	14.21	11.32	10.95
23	10.56	13.51	32.83	31.24	29.95	54.00	25.13	15.16	18.54	13.33	11.18	10.84
24	10.49	12.77	30.20	32.19	25.48	53.97	24.37	14.85	16.51	12.88	11.11	10.70
25	10.63	12.91	26.10	32.20	20.10	53.46	27.01	14.24	14.77	12.48	11.13	10.58
26	11.10	14.04	20.76	31.69	17.15	52.38	32.08	14.87	13.43	12.34	10.92	10.53
27	11.24	15.46	17.73	30.93	16.05	51.02	35.17	15.17	12.93	12.15	10.65	10.62
28	11.10	16.12	16.15	30.16	15.33	49.61	36.44	20.76	12.59	11.89	10.85	10.65
29	11.19	15.94	15.26	29.36	------	48.27	36.83	21.72	12.40	11.73	11.06	10.63
30	11.93	16.07	14.77	28.48	------	46.89	37.00	20.75	12.14	11.47	11.33	11.00
31	11.96	------	21.10	27.30	------	46.37	------	19.70	------	11.63	11.31	------
MAX	11.96	16.12	33.99	43.98	33.25	54.00	46.15	37.06	20.96	17.27	13.25	11.46
MIN	10.39	11.23	13.24	22.72	15.33	14.82	18.26	13.55	12.14	11.36	10.65	10.62

CAL YR 1972 MAX 48.62 MIN 10.33
WTR YR 1973 MAX 54.00 MIN 10.39

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.97	10.77	10.71	14.43	22.68	13.81	17.96	12.40	11.10	12.42	11.53	10.49
2	11.62	10.81	10.79	16.40	20.59	16.41	17.16	12.48	11.32	12.49	11.44	10.45
3	11.33	10.84	12.65	22.31	19.50	22.05	16.28	12.56	11.33	12.01	11.57	10.38
4	10.95	10.82	15.39	28.95	18.87	24.93	15.67	12.45	11.19	11.69	11.33	10.34
5	10.85	10.90	16.09	35.26	17.52	25.64	16.39	12.68	11.03	11.68	11.15	10.33
6	11.24	10.89	17.72	37.34	17.07	25.88	17.28	12.87	10.90	12.08	10.92	10.69
7	11.63	10.90	28.06	38.38	24.21	25.65	17.98	12.67	10.93	12.11	10.84	10.60
8	11.19	10.95	31.94	39.25	24.91	26.74	17.27	12.11	11.03	11.83	10.92	10.68
9	10.82	10.87	32.84	40.32	23.03	28.90	16.13	13.72	10.82	11.58	10.81	10.75
10	10.76	10.77	32.07	43.01	20.33	29.61	15.28	16.77	10.73	11.42	10.84	10.49
11	10.83	10.93	30.28	46.10	17.84	29.46	14.83	18.81	10.68	11.12	10.86	10.52
12	10.73	11.06	27.89	47.76	16.79	28.80	14.55	20.26	10.65	10.90	10.77	10.50
13	10.72	10.82	24.93	48.49	17.81	26.86	14.19	21.26	10.61	10.79	10.61	10.38
14	10.62	10.80	23.83	48.62	17.44	22.81	13.64	21.37	10.61	10.99	10.73	10.33
15	10.58	10.78	24.16	48.29	16.81	19.05	13.11	19.10	10.61	11.01	10.76	10.56
16	10.55	10.72	24.28	47.55	16.29	17.21	13.11	17.35	10.73	10.88	10.65	10.85
17	10.54	10.73	24.66	46.42	16.08	16.51	13.01	15.97	10.69	10.78	10.70	10.73
18	10.55	10.73	26.32	44.65	17.37	16.60	13.61	14.48	10.76	10.75	10.69	10.68
19	10.54	10.67	27.86	41.76	18.63	17.47	14.35	13.52	10.94	10.92	10.92	10.85
20	10.53	10.63	28.65	36.36	17.59	17.10	13.95	13.05	11.04	11.07	10.91	11.11
21	10.51	10.56	28.32	27.46	16.33	15.87	13.62	12.67	10.98	10.99	10.67	11.74
22	10.50	10.59	25.81	19.99	15.33	15.09	13.36	12.19	10.85	11.00	10.54	11.50
23	10.49	10.62	22.79	17.54	14.68	14.66	13.97	11.98	10.73	10.71	10.49	11.23
24	10.61	10.69	20.45	16.66	14.36	14.21	16.54	11.63	10.65	10.58	10.44	11.05
25	10.75	11.06	18.48	16.01	14.25	14.03	17.84	11.35	10.72	10.84	10.44	10.81
26	11.04	10.97	16.67	15.49	14.05	14.20	18.49	11.45	10.76	11.00	10.48	10.67
27	11.10	10.87	15.31	15.07	14.25	14.43	18.78	11.41	10.93	11.00	10.56	10.62
28	11.03	10.89	14.64	14.69	13.90	14.86	16.88	11.57	11.75	11.06	10.54	10.61
29	10.99	10.76	14.44	14.68	13.76	15.40	14.44	11.56	12.17	10.89	10.50	10.78
30	10.89	10.70	14.00	18.71	------	16.81	13.01	11.37	12.14	11.11	10.44	10.98
31	10.82	------	14.45	23.11	------	17.96	------	11.18	------	11.85	10.48	------
MAX	11.97	11.06	32.84	48.62	24.91	29.61	18.78	21.37	12.17	12.49	11.57	11.74
MIN	10.49	10.56	10.71	14.43	13.76	13.81	13.01	11.18	10.61	10.58	10.44	10.33

CAL YR 1971 MAX 48.14 MIN 10.49
WTR YR 1972 MAX 48.62 MIN 10.33

02450000 Mulberry Fork near Garden City, Ala.

LOCATION.--Lat 33°59'42", long 86°44'56", in NE 1/4 sec.16, T.12 S., R.2 W., Blount County, on left bank near downstream side of bridge on U.S. Highway 31 (Old), 1,000 ft (305 m) downstream from Louisville & Nashville Railroad bridge, 1 mi (1.6 km) southwest of Garden City, 5.5 mi (8.8 km) downstream from Mud Creek, and at mile 79.2 (127.4 km).

DRAINAGE AREA.--368 mi^2 (953 km^2).

PERIOD OF RECORD.--June 1928 to current year. Monthly discharge only for period April to June 1932 published in WSP 1304. Prior to 1941, published as "Mulberry Fork of Black Warrior River."

GAGE.--Water-stage recorder: Datum of gage is 380.54 ft (115.989 m) above mean sea level. Prior to Dec. 5, 1939 nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--47 years, 671 ft^3/s (19.00 m^3/s) 24.50 in/yr (622 mm/yr).

EXTREMES.--Current year: Maximum discharge, 29,700 ft^3/s (841 m^3/s) Mar. 13 (gage height, 17.96 ft or 5.474 m); minimum daily, 18 ft^3/s (0.51 m^3/s) Oct. 9.
Period of record: Maximum discharge, 46,600 ft^3/s (1,320 m^3/s) Feb. 4, 1936 (gage height, 24.0 ft or 7.32 m) from floodmarks; minimum observed, 3 ft^3/s (0.085 m^3/s) Sept. 28-30, Oct. 1, 3-6, 1931 (gage height, 1.88 ft or 0.573 m).

REMARKS.--Records good.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	27	224	2500	838	1000	2030	240	261	151	251	82
2	30	29	214	2000	789	998	1590	218	223	137	428	74
3	28	27	177	1600	1670	802	2190	210	187	332	284	69
4	25	27	158	2000	2350	707	1430	268	162	160	220	66
5	27	153	143	1600	2900	645	1150	236	144	113	550	64
6	25	196	136	1300	2210	584	978	201	134	278	478	63
7	23	105	160	1000	1680	556	848	2860	139	9190	303	67
8	20	75	361	1030	1360	581	741	2140	142	2910	243	80
9	18	62	286	1240	1190	462	1330	1660	134	1400	666	71
10	20	57	242	2640	1020	680	1990	1110	125	879	3740	65
11	20	56	222	5900	897	1490	1150	802	253	855	2170	116
12	19	70	212	5210	1650	2700	904	613	832	615	968	119
13	19	79	194	3860	1180	11900	757	479	372	437	655	86
14	19	70	172	2320	985	13500	1300	392	239	345	466	69
15	22	66	168	1770	856	4000	1440	763	560	288	371	60
16	142	66	182	1400	5850	3150	1100	1400	455	248	384	53
17	155	64	173	1140	4380	2510	956	975	266	216	367	53
18	82	66	155	976	14800	2590	826	1990	206	195	287	63
19	58	72	147	915	6240	5390	710	1230	213	453	317	71
20	43	240	147	1000	3420	2940	605	906	563	239	343	70
21	36	346	143	752	2530	2270	504	698	436	548	246	65
22	30	220	135	644	2000	1850	438	551	244	261	202	78
23	28	170	125	582	2140	1670	391	446	180	209	177	1670
24	29	142	323	601	2560	4060	360	369	144	418	157	2350
25	30	129	3200	8100	1730	2700	347	310	123	645	139	883
26	29	121	2200	3270	1380	1800	363	274	116	579	126	600
27	28	111	1500	2110	1250	1420	307	950	149	304	117	458
28	27	101	1300	1610	1140	1180	273	518	145	231	106	367
29	25	94	3500	1330	---	1750	254	326	348	192	98	302
30	24	101	5000	1170	---	5560	244	355	206	167	94	263
31	27	---	4000	977	---	2850	---	335	---	166	89	---
TOTAL	1143	3142	25300	62550	71000	84300	27510	23830	7701	23160	15040	8497
MEAN	36.9	105	816	2018	2536	2719	917	769	257	747	485	283
MAX	155	346	5000	8100	14800	13500	2190	2860	832	9190	3740	2350
MIN	18	27	125	582	789	462	244	201	116	113	89	53
CFSM	.10	.29	2.22	5.48	6.89	7.39	2.49	2.09	.70	2.03	1.32	.77
IN.	.12	.32	2.56	6.32	7.18	8.52	2.78	2.41	.78	2.34	1.52	.86

CAL YR 1974 TOTAL 268455 MEAN 735 MAX 9570 MIN 18 CFSM 2.00 IN 27.14
WTR YR 1975 TOTAL 353173 MEAN 968 MAX 14800 MIN 18 CFSM 2.63 IN 35.70

PEAK DISCHARGE (BASE, 13,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
2-18	1600	17.18	27,200	7-07	1400	14.87	20,400
3-13	2400	19.96	29,700				

02450250 Sipsey Fork near Grayson, Ala.
(hydrologic bench-mark station)

LOCATION.--Lat 34°17'07", long 87°23'56", in N 1/2 sec.8, T.9 S., R.8 W., Winston County, 0.1 mi (0.2 km) downstream from bridge on Cranal Road, 0.5 mi (0.8 km) downstream from Borden Creek, 4.5 mi (7.2 km) west of Grayson, and 14 mi (22.5 km) northeast of Hayleville, Ala.

DRAINAGE AREA.--91.3 mi^2 (236 km^2).

PERIOD OF RECORD.--October 1966 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 540 ft (165 m) from topographic map.

AVERAGE DISCHARGE.--9 years, 174 ft^3/s (4.928 m^3/s), 25.88 in/yr (657 mm/yr).

EXTREMES.--Current year: Maximum discharge, 2,680 ft^3/s (75.9 m^3/s) Jan. 10 (gage height, 14.50 ft or 4.420 m); minimum daily 7.6 ft^3/s (0.22 m^3/s) Oct. 13, 14.
Period of record: Maximum discharge, 20,300 ft^3/s (575 m^3/s) Mar. 16, 1973 (gage height, 44.27 ft or 13.493 m); minimum, 1.8 ft^3/s (0.051 m^3/s) Aug. 19-21, 1972.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	24	46	633	148	196	600	83	35	19	41	13
2	12	25	46	394	240	186	400	68	30	17	88	12
3	10	26	42	324	482	168	250	66	26	16	68	11
4	10	28	39	448	644	141	210	67	24	16	68	9.8
5	10	80	38	370	553	127	180	58	19	15	117	9.4
6	10	47	36	289	417	117	150	53	20	15	117	19
7	9.8	34	271	218	308	107	130	874	22	32	73	43
8	9.0	29	328	198	244	104	118	475	22	52	59	21
9	8.8	27	184	196	203	89	146	242	21	32	84	15
10	8.8	26	130	1,750	170	84	195	173	184	47	57	22
11	8.5	27	105	1,570	161	133	154	127	250	74	57	28
12	7.9	32	88	801	166	1,530	132	103	228	34	44	26
13	7.6	29	69	499	138	1,460	119	82	105	26	35	24
14	7.6	29	59	351	132	2,050	155	67	64	23	30	19
15	14	28	55	279	120	1,470	167	97	118	20	26	16
16	44	28	54	247	1,230	822	154	191	112	18	25	15
17	24	28	48	221	1,670	552	146	237	70	17	49	16
18	18	30	43	212	1,310	399	133	324	52	16	44	21
19	15	218	41	349	1,340	588	164	197	43	19	49	19
20	13	343	40	684	797	1,050	203	135	37	24	81	17
21	12	180	38	506	491	610	161	99	34	42	51	16
22	13	108	36	366	337	430	139	74	29	29	37	32
23	14	75	35	284	255	329	123	59	25	24	31	185
24	16	59	553	243	251	255	112	51	22	36	27	110
25	18	54	1,570	660	237	1,550	105	45	20	100	23	123
26	19	47	646	530	189	765	177	40	23	442	21	125
27	20	42	450	384	156	484	283	38	200	442	19	105
28	21	39	652	290	196	362	134	36	120	442	17	76
29	21	36	1,460	234	------	278	106	34	50	442	16	58
30	23	36	1,940	195	------	1,600	99	38	28	261	13	47
31	24	------	1,370	167	------	900	------	37	------	27	14	------
TOTAL	462.0	1,814	10,512	13,892	12,585	18,936	5,345	4,270	2,033	2,819	1,481	1,253.2
MEAN	14.9	60.5	339	448	449	611	178	138	67.8	90.9	47.8	41.8
MAX	44	343	1,940	1,750	1,670	2,050	600	874	250	442	117	185
MIN	7.6	24	35	167	120	84	99	34	19	15	13	9.4
CFSM	.16	.66	3.71	4.91	4.92	6.69	1.95	1.51	.74	1.00	.52	.46
IN.	.19	.74	4.28	5.66	5.13	7.72	2.18	1.74	.83	1.15	.60	.51

CAL YR 1974 TOTAL 79,983.2 MEAN 219 MAX 2,150 MIN 4.5 CFSM 2.40 IN 32.59
WTR YR 1975 TOTAL 75,402.2 MEAN 207 MAX 2,050 MIN 7.6 CFSM 2.27 IN 30.72

PEAK DISCHARGE (BASE, 4,000 CFS).--No peak above base.

02453500 Mulberry Fork near Cordova, Ala.

LOCATION.--Lat 33°45'27", long 87°10'13", in NW 1/4 sec.9, T.15 S., R.6 W., Walker County, near right bank on downstream side of pier of bridge on St. Louis and San Francisco Railroad, just downstream from Cane Creek, 0.1 mi (0.2 km) east of Cordova, and at mile 30.8 (49.6 km).

DRAINAGE AREA.--1927 mi^2 (4,999 km^2).

PERIOD OF RECORD.--December 1890 to June 1897 fragmentary gage-height records collected by National Weather Service. June 1900 to December 1913 monthly discharge published in WSP 1304. January 1914 to December 1923 and August 1937 to September 1971 in files of Corps of Engineers. 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is 243.60 ft (74.249 m) above mean sea level. August 1937 to September 1961, nonrecording gage at present site and datum. Prior to August 1937, nonrecording gage at 8.2 ft (2.499 m) lower datum.

AVERAGE DISCHARGE.--12 years (1900-12) 3,279 ft^3/s (92.86 m^3/s), 23.11 in/yr (587 mm/yr).

EXTREMES.--Maximum and minimum gage heights for water years 1972-75 are contained in the following table:

Water year	Maximum			Minimum		
	Date	Gage height (feet)	Gage height (metres)	Date	Gage height (feet)	Gage height (metres)
1972	Jan. 5, 1972	14.74	4.493	Oct. 18, 19, 1971	10.28	3.133
1973	Mar. 31, 1973	18.15	5.532	May 23, 1973	9.85	3.002
1974	Dec. 26, 1973	22.80	6.949	June 16, 1974	10.17	3.100
1975	Mar. 14, 1975	17.73	5.404	Sept.23, 1975	10.36	3.158

Period of record: Maximum, 39.80 ft (12.131 m) March 30, 1951; minimum, - 9.35 ft (-2.850 m) several days in October 1909.

Maximum stage known, 46.5 ft (14.17 m) (present datum) April 1892 (information by National Weather Service).

COOPERATION.--Records furnished by Corps of Engineers.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.32	11.01	11.05	11.84	11.36	12.10	13.90	11.08	11.07	11.18	11.13	11.25
2	11.31	11.04	11.03	11.72	10.97	11.87	12.75	11.04	11.20	11.17	11.47	11.30
3	11.32	11.01	11.02	11.85	12.24	11.82	12.48	11.10	11.16	11.16	11.14	11.32
4	11.35	11.01	11.12	11.64	13.34	11.73	12.46	11.33	11.17	11.12	11.28	11.10
5	11.23	11.03	11.05	11.41	13.32	11.98	11.90	11.27	11.06	11.26	11.25	10.96
6	11.20	11.12	10.87	11.51	12.44	11.90	11.84	11.00	10.88	11.20	11.40	11.20
7	11.20	11.18	10.82	11.67	12.01	11.62	11.85	11.02	10.97	11.81	11.42	10.90
8	11.12	11.27	10.85	11.59	11.90	11.05	11.84	11.48	11.06	12.74	11.34	11.05
9	11.05	11.31	11.12	11.77	11.62	10.83	11.84	11.37	11.18	11.56	11.20	11.12
10	11.01	11.31	11.10	12.22	11.84	11.25	12.32	11.60	11.10	11.27	11.20	11.21
11	10.98	11.29	10.96	13.70	12.11	11.30	12.33	11.40	11.20	11.17	11.85	11.14
12	10.98	11.32	11.13	13.36	11.81	11.33	12.08	11.23	11.32	11.38	11.45	11.05
13	10.96	11.24	11.16	14.03	11.86	12.20	11.78	11.12	11.24	11.22	11.42	11.10
14	11.00	11.22	11.19	12.91	11.67	17.37	12.08	11.02	11.26	11.23	11.27	11.10
15	11.13	11.08	11.13	11.87	11.63	16.82	12.20	11.25	11.08	11.17	11.22	11.12
16	11.29	11.04	11.17	11.59	12.70	15.26	11.72	11.98	11.37	11.10	11.25	10.71
17	11.30	11.09	11.04	11.48	14.00	14.70	11.76	12.07	11.46	11.06	11.30	11.05
18	11.34	11.14	11.03	11.75	14.56	14.27	11.45	11.25	11.32	11.06	11.10	11.22
19	11.36	11.13	10.94	11.29	16.09	14.97	11.04	11.48	11.14	11.04	11.17	11.21
20	11.39	11.33	10.84	11.53	15.80	14.75	11.10	11.32	11.25	11.24	11.23	11.23
21	11.37	11.26	10.90	12.07	14.22	14.18	11.35	11.30	11.46	11.36	11.23	11.20
22	11.29	11.07	11.02	11.74	13.95	13.80	11.07	11.22	11.36	11.34	11.22	11.13
23	11.30	11.05	11.13	11.71	13.72	13.63	10.90	11.18	11.48	11.27	11.25	10.62
24	11.29	11.22	11.71	11.81	14.27	13.95	11.05	11.20	11.34	11.10	11.25	11.20
25	11.25	11.36	11.93	13.32	13.91	13.95	11.15	11.23	11.26	11.18	11.20	11.56
26	11.07	11.20	11.85	13.22	13.04	13.27	11.23	11.35	11.18	11.52	11.13	11.06
27	11.03	11.01	11.60	12.21	12.77	13.63	11.15	11.32	11.13	11.33	11.14	10.83
28	11.02	10.73	11.43	11.69	12.30	13.40	11.08	11.34	11.08	11.20	11.10	10.97
29	11.01	10.83	11.70	11.87	------	12.23	11.12	11.18	11.15	11.25	11.10	11.17
30	10.99	10.91	12.94	11.72	------	13.30	11.07	11.15	11.24	11.26	11.12	11.20
31	10.97	------	12.65	11.65	------	13.94	------	11.06	------	11.40	11.17	------
MAX	11.39	11.36	12.94	14.03	16.09	17.37	13.90	12.07	11.48	12.74	11.85	11.56
MIN	10.96	10.73	10.82	11.29	10.97	10.83	10.90	11.00	10.88	11.04	11.10	10.62

CAL YR 1974 MAX 14.42 MIN 10.47
WTR YR 1975 MAX 17.37 MIN 10.62

02453500 Mulberry Fork near Cordova, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.25	10.83	11.21	11.88	13.46	12.05	11.33	10.63	11.34	11.24	11.17	11.12
2	11.20	10.82	11.14	12.12	13.14	12.00	12.30	10.54	10.96	11.17	11.14	11.17
3	11.29	10.78	11.28	11.99	12.95	11.63	11.85	10.75	11.73	11.17	11.14	11.21
4	11.38	10.76	11.11	12.05	12.82	11.71	12.37	10.88	11.42	11.25	11.22	11.30
5	11.42	10.74	11.09	11.77	12.31	12.01	11.98	11.20	11.46	11.18	11.22	11.21
6	11.45	10.73	11.19	11.64	12.54	11.77	11.65	11.35	11.77	11.20	11.15	11.18
7	11.33	10.73	11.07	13.10	12.24	11.71	11.36	11.37	12.54	11.15	11.18	10.85
8	11.38	10.82	11.12	12.85	13.55	11.56	11.83	11.40	12.65	11.24	11.16	11.05
9	11.30	11.00	11.05	12.36	12.82	11.61	11.76	11.26	12.44	11.27	11.15	11.17
10	11.15	11.07	11.15	12.74	12.48	11.36	11.33	10.83	11.65	11.35	11.24	11.32
11	11.23	11.12	11.07	13.07	12.20	11.21	11.44	10.56	11.86	11.26	11.32	11.13
12	11.13	11.16	10.97	13.85	12.16	11.17	12.45	11.21	11.37	11.16	11.22	11.02
13	11.15	11.18	11.02	13.25	11.46	11.13	14.30	11.41	11.13	11.32	11.21	11.19
14	11.19	11.21	10.92	12.68	11.57	10.93	13.43	11.66	11.74	11.34	10.98	11.09
15	11.24	11.20	11.03	12.47	12.07	11.00	13.35	11.73	10.96	11.18	10.93	11.10
16	11.24	11.22	11.17	12.22	13.77	11.06	12.62	11.26	10.47	11.20	11.05	11.71
17	11.25	11.22	11.27	12.35	14.42	11.09	12.41	11.21	11.68	11.07	11.00	11.30
18	11.16	11.18	11.16	11.84	13.16	11.42	12.16	10.72	11.05	11.12	11.25	11.26
19	11.15	11.18	11.05	11.54	12.92	10.99	11.97	10.85	11.36	11.35	11.21	11.20
20	11.13	11.20	11.02	11.52	12.69	11.05	11.96	11.25	11.30	11.37	10.89	11.22
21	11.13	11.29	10.93	12.26	12.37	11.05	11.36	11.13	11.14	11.34	10.99	10.97
22	11.11	11.37	11.23	12.27	14.00	10.87	11.36	10.82	11.11	11.37	10.91	10.89
23	11.06	11.46	11.37	12.42	14.15	10.56	11.04	11.08	11.30	11.44	10.72	10.98
24	10.99	11.45	11.41	12.77	13.07	10.61	10.85	11.47	11.28	11.33	10.73	11.08
25	10.95	11.30	11.73	12.99	12.57	10.97	11.42	11.14	11.14	11.35	10.78	11.07
26	10.98	11.31	19.94	13.12	12.36	11.03	11.03	11.66	11.06	11.26	10.81	11.26
27	11.05	11.27	18.28	13.84	12.27	11.16	11.06	13.23	11.07	11.05	10.88	11.25
28	11.06	11.45	16.66	14.20	12.23	11.44	11.35	13.05	11.02	11.03	11.00	11.27
29	11.02	11.35	13.24	14.26	------	12.33	11.32	11.86	11.03	11.12	11.07	11.31
30	10.91	11.32	11.86	14.35	------	11.66	10.95	11.47	11.17	11.22	11.19	11.33
31	10.84	------	11.87	13.93	------	11.45	------	11.65	------	11.14	11.21	------
MAX	11.45	11.46	19.94	14.35	14.42	12.33	14.30	13.23	12.65	11.44	11.32	11.71
MIN	10.84	10.73	10.92	11.52	11.46	10.56	10.85	10.54	10.47	11.03	10.72	10.85

CAL YR 1973 MAX 19.94 MIN 10.16
WTR YR 1974 MAX 19.94 MIN 10.47

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.34	11.36	11.06	12.74	12.70	10.82	15.65	12.30	11.44	11.42	11.26	11.15
2	11.33	11.29	11.06	12.36	13.73	11.01	14.35	12.02	11.19	11.50	11.46	11.15
3	11.35	11.26	11.20	12.09	13.04	11.15	13.92	11.96	11.21	11.43	11.36	11.17
4	11.23	11.23	11.35	12.46	11.63	11.03	13.30	11.84	11.24	11.24	11.38	11.18
5	11.00	11.24	11.30	12.02	12.04	11.30	13.18	11.73	11.30	11.35	11.36	11.10
6	11.17	11.21	11.25	14.22	11.85	10.68	13.07	11.71	11.44	11.39	11.36	10.96
7	11.18	11.16	11.24	13.53	11.66	10.68	13.06	11.67	11.55	11.32	11.16	10.90
8	11.20	11.26	11.15	14.50	11.76	10.57	13.37	12.08	12.33	11.25	11.05	10.85
9	11.08	11.36	11.09	14.04	12.01	10.83	13.39	12.47	11.36	11.26	11.24	10.80
10	11.10	11.23	11.36	12.72	12.13	11.14	13.11	11.83	11.23	11.26	11.26	10.83
11	10.96	11.07	11.55	11.96	11.51	11.59	12.88	11.17	11.30	11.35	11.28	10.81
12	10.93	11.08	11.35	11.98	11.23	12.26	12.16	10.75	11.84	11.29	11.37	10.84
13	10.97	11.07	11.15	11.92	11.47	12.44	11.81	10.86	11.65	11.46	11.60	10.90
14	11.00	10.94	11.47	11.70	13.76	11.96	11.82	10.73	11.54	11.52	11.26	11.05
15	10.96	10.94	12.90	11.51	14.05	12.04	11.81	10.67	11.64	11.41	11.20	11.10
16	11.13	11.04	12.91	11.77	15.21	13.97	11.74	10.65	11.26	11.43	11.05	11.11
17	11.24	11.03	11.89	11.91	12.84	15.92	11.59	10.60	11.27	11.93	10.82	11.15
18	11.17	11.06	11.51	11.99	12.55	16.14	11.48	10.64	11.50	11.76	10.93	11.12
19	11.11	11.36	11.23	11.85	12.05	14.95	11.52	10.72	11.66	11.74	11.05	11.26
20	11.22	11.33	11.23	11.74	12.23	14.54	11.50	10.88	11.45	11.65	11.18	11.28
21	11.19	11.25	11.12	12.06	12.07	13.70	10.98	11.10	11.69	11.46	11.14	11.11
22	11.13	11.32	11.65	14.05	11.89	13.24	11.05	10.24	11.86	11.38	11.19	10.96
23	11.13	11.27	11.58	13.54	11.95	12.96	11.45	10.16	11.65	11.47	11.12	10.95
24	11.09	11.30	11.28	12.38	11.55	12.95	12.29	10.23	11.23	11.54	11.02	10.95
25	10.91	11.06	11.06	11.85	11.05	14.16	15.77	10.37	11.36	11.45	10.98	10.90
26	10.73	11.00	11.14	12.07	11.04	14.04	14.78	10.77	11.56	11.26	10.97	11.13
27	10.80	11.27	10.95	12.66	11.17	13.39	14.13	11.34	11.72	11.24	11.13	11.14
28	11.05	11.21	11.07	11.95	11.33	13.25	13.60	12.93	11.45	11.17	11.21	11.22
29	11.30	11.22	11.14	12.05	------	13.05	13.48	13.66	11.11	11.12	11.18	11.23
30	11.36	11.06	11.03	11.84	------	13.04	12.62	12.42	11.22	11.32	11.14	11.35
31	11.34	------	12.65	11.64	------	16.99	------	11.97	------	11.12	11.26	------
MAX	11.36	11.36	12.91	14.50	15.21	16.99	15.77	13.66	12.33	11.93	11.60	11.35
MIN	10.73	10.94	10.95	11.51	11.04	10.57	10.98	10.16	11.11	11.12	10.82	10.80

CAL YR 1972 MAX 14.62 MIN 10.55
WTR YR 1973 MAX 16.99 MIN 10.16

02453500 Mulberry Fork near Cordova, Ala.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.25	10.96	10.90	10.87	11.25	10.94	11.05	11.21	11.35	11.36	11.24	10.95
2	10.91	11.19	10.94	12.15	11.26	11.16	11.05	11.17	11.15	11.33	11.22	11.06
3	10.87	11.25	10.93	12.22	11.55	12.11	10.95	11.23	11.09	11.24	11.07	11.09
4	11.01	11.21	11.24	13.86	11.54	11.70	10.95	11.24	10.98	11.25	11.07	11.09
5	11.13	11.23	11.36	14.62	11.24	11.44	11.05	11.28	11.10	11.34	11.13	11.04
6	11.12	11.21	11.54	14.09	11.16	11.31	11.25	11.19	11.23	11.31	11.10	11.06
7	11.00	11.20	12.84	12.44	11.54	11.54	11.15	11.22	11.08	11.13	11.33	11.23
8	10.94	11.19	12.43	11.79	11.56	12.13	11.15	11.33	11.05	11.07	11.30	11.26
9	10.93	11.29	11.58	11.63	11.32	12.25	11.05	11.20	11.10	11.04	11.32	11.23
10	10.90	11.24	11.33	12.72	11.36	11.84	11.15	11.23	11.20	11.05	11.26	11.16
11	10.94	10.93	11.24	13.35	11.61	11.60	10.85	11.29	11.15	11.06	11.25	11.10
12	11.01	10.60	11.33	12.53	11.45	11.23	10.75	11.06	11.07	11.05	11.26	11.14
13	11.05	10.61	11.47	11.83	11.04	11.22	10.55	11.13	11.05	11.14	11.36	11.14
14	11.03	10.56	11.44	12.24	11.37	11.14	10.95	11.05	11.17	11.26	11.29	11.16
15	10.97	10.76	11.25	11.55	11.43	11.24	11.05	11.45	11.16	11.24	11.25	11.17
16	10.78	10.66	11.85	11.54	11.48	11.05	10.75	11.16	11.23	11.25	11.26	11.00
17	10.70	10.73	12.34	11.52	11.66	11.15	11.15	11.12	11.13	11.26	11.25	11.00
18	10.52	10.77	11.93	11.56	11.61	11.45	11.15	11.18	11.13	11.22	11.28	11.23
19	10.52	10.74	11.56	11.41	11.62	11.15	11.35	10.93	11.13	11.04	11.34	11.44
20	10.57	10.74	11.64	11.55	11.14	11.25	11.35	10.77	11.11	11.06	11.26	11.36
21	10.76	10.66	11.66	11.51	11.13	11.25	11.35	10.95	11.20	11.07	11.24	11.26
22	10.95	10.74	11.43	11.45	11.35	11.45	11.35	11.13	11.06	11.36	11.34	11.26
23	10.88	10.83	11.32	11.14	11.43	11.25	11.35	11.13	11.05	11.30	11.27	11.17
24	10.93	10.95	11.26	11.36	11.36	11.15	11.15	11.23	11.04	11.35	11.19	11.18
25	11.04	10.96	11.16	11.35	10.94	10.95	11.45	11.22	11.04	11.30	11.16	11.25
26	11.02	10.96	11.24	11.50	10.85	10.75	11.35	11.16	11.23	11.38	11.06	11.27
27	11.04	10.96	11.06	11.69	11.13	11.35	11.13	11.24	11.33	11.22	11.05	11.25
28	10.98	11.00	11.10	11.43	11.26	11.15	10.86	11.30	11.34	11.34	11.00	11.45
29	10.95	11.03	11.38	11.16	11.15	11.05	11.07	11.36	11.26	11.30	11.07	11.41
30	10.97	11.02	11.16	11.25	------	11.45	11.22	11.33	11.24	11.32	11.07	11.33
31	10.98	------	10.87	11.36	------	11.45	------	11.36	------	11.20	10.94	------
MAX	11.25	11.29	12.84	14.62	11.66	12.25	11.45	11.45	11.35	11.38	11.36	11.45
MIN	10.52	10.56	10.87	10.87	10.85	10.75	10.55	10.77	10.98	11.04	10.94	10.95

WTR YR 1972 MAX 14.62 MIN 10.52

02455000 Locust Fork near Cleveland, Ala.

LOCATION.--Lat 34°01'28", long 86°34'27", in NE 1/4 sec.6, T.12 S., R.1 E., Blount County, on downstream side of pier near center of bridge on U.S. Highway 231, 2 mi (3.2 km) north of Cleveland, and 2.5 mi (4.0 km) downstream from Graves Creek, and at mile 98.6 (158.6 km).

DRAINAGE AREA.--309 mi^2 (800 km^2).

PERIOD OF RECORD.--December 1936 to current year.

GAGE.--Water-stage recorder. Datum of gage is 536.94 ft (163.659 m) above mean sea level (Corps of Engineers bench mark). Prior to Apr. 20, 1940, nonrecording gage at site 200 ft (61 m) upstream at same datum. Apr. 20, 1940, to Apr. 11, 1945, nonrecording gage at present site and datum.

AVERAGE DISCHARGE.--38 years, 522 ft^3/s (14.78 m^3/s) 22.94 in/yr (583 mm/yr).

EXTREMES.--Current year: Maximum discharge, 10,500 ft^3/s (297 m^3/s) Mar. 14 (gage height, 10.36 ft or 3.158 m); minimum daily, 12 ft^3/s (0.34 m^3/s) Oct. 14, 15.

Period of record: Maximum discharge observed, 47,000 ft^3/s (1,330 m^3/s) Dec. 28, 1942 (gage height, 19.2 ft or 5.85 m); minimum since Oct. 1, 1943, 2.3 ft^3/s (0.065 m^3/s) Sept. 14, 15, 16, 1954; minimum prior to Oct. 1, 1943, not determined.

REMARKS.--Records good.

REVISIONS (WATER YEAR).--WSP 1112: 1943 (M). WSP 1304: 1939 (M), 1941 (M). WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	18	78	1,900	664	561	1,510	170	140	144	229	76
2	26	18	139	1,310	612	582	1,050	160	120	140	253	69
3	24	17	121	994	1,110	497	857	180	110	224	205	69
4	21	16	99	1,420	2,380	436	681	170	100	141	401	56
5	19	47	87	1,070	3,830	404	581	150	90	100	601	52
6	18	66	79	833	2,980	375	510	160	90	106	1,490	55
7	17	43	87	692	1,880	353	452	180	95	2,070	622	55
8	17	33	120	699	1,320	369	409	1,000	90	938	433	164
9	17	29	179	1,010	1,040	329	532	800	140	418	427	125
10	16	27	149	1,160	890	348	1,230	780	200	273	883	91
11	17	27	131	3,960	755	449	692	500	160	221	1,750	82
12	15	30	120	3,000	1,540	768	530	350	240	189	1,090	70
13	14	38	111	2,820	1,190	3,650	452	260	160	184	635	60
14	12	51	102	1,860	881	7,280	550	240	160	156	430	57
15	12	44	97	1,330	736	3,010	761	300	330	139	335	55
16	21	37	100	973	2,610	2,230	604	500	260	126	330	47
17	34	36	110	776	3,160	1,820	526	600	210	111	322	46
18	31	36	104	668	5,120	1,710	467	500	160	99	328	50
19	27	38	95	635	5,350	2,890	423	540	130	122	263	50
20	24	49	92	794	2,680	1,960	388	450	450	250	359	59
21	21	161	92	645	1,790	1,450	341	400	260	1,020	253	51
22	18	122	89	552	1,300	1,130	316	340	300	293	199	49
23	16	85	84	501	1,100	1,060	280	303	200	192	192	585
24	15	67	321	489	1,410	2,060	260	250	140	322	201	5,970
25	16	59	2,060	6,630	968	1,880	240	220	110	2,430	155	2,050
26	17	55	1,570	3,890	766	1,140	260	200	95	969	133	981
27	17	51	941	2,120	673	849	240	220	88	661	116	621
28	16	50	792	1,420	617	706	210	200	157	427	102	474
29	16	47	2,240	1,060	------	886	180	170	682	296	88	375
30	16	54	3,710	916	------	3,300	170	150	198	242	82	307
31	18	------	2,980	771	------	2,330	------	140	------	210	76	------
TOTAL	598	1,451	17,079	46,898	49,352	46,812	15,702	10,583	5,665	13,213	12,983	12,951
MEAN	19.3	48.4	551	1,513	1,763	1,510	523	341	189	426	419	432
MAX	34	161	3,710	6,630	5,350	7,280	1,510	1,000	682	2,430	1,750	5,970
MIN	12	16	78	489	612	329	170	140	88	99	76	46
CFSM	.06	.16	1.78	4.90	5.71	4.89	1.69	1.10	.61	1.38	1.36	1.40
IN.	.07	.17	2.06	5.65	5.94	5.64	1.89	1.27	68	1.59	1.56	1.56

CAL YR 1974	TOTAL	191.888	MEAN	526	MAX	5,160	MIN	10	CFSM	1.70	IN	23.10
WTR YR 1975	TOTAL	233,287	MEAN	639	MAX	7,280	MIN	12	CFSM	2.07	IN	28.08

PEAK DISCHARGE (BASE, 8,500 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
1-25	1415	9.80	9,120	3-14	0500	10.36	10,500
2-18	2230	9.71	8,900				

02456000 Turkey Creek at Morris, Ala.

LOCATION.--Lat 33°44'25", long 86°48'45", in SW 1/4 sec.12, T.15 S., R.3 W., Jefferson County, on downstream side of bridge on U.S. Highway 31 (old), at Morris, 0.8 mi (1.3 km) downstream from Cunningham Creek, and at mile 4.0 (6.4 km).

DRAINAGE AREA.--81.5 mi^2 (211.1 km^2).

PERIOD OF RECORD.--January 1944 to current year.

GAGE.--Water-stage recorder. Datum of gage is 345.18 ft (105.211 m) above mean sea level. Prior to Feb. 9, 1968, non-recording gage 80 ft (24 m) upstream at present datum.

AVERAGE DISCHARGE.--31 years, 130 ft^3/s (3.682 m^3/s), 21.66 in/yr (550 mm/yr).

EXTREMES.--Current year: Maximum discharge, 5,990 ft^3/s (170 m^3/s) Jan. 25 (gage height, 14.81 ft or 4.514 m); minimum daily, 18 ft^3/s (0.51 m^3/s) Oct. 13, 14.
Period of record: Maximum discharge, 15,600 ft^3/s (442 m^3/s) Mar. 19, 1970 (gage height, 23.12 ft or 7.047 m); minimum observed, 8.5 ft^3/s (0.24 m^3/s) Sept. 21, 1969.
Flood of December 1942 reached a stage of 22.6 ft (6.89 m) from information by local residents.

REMARKS.--Records good.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	21	81	253	177	170	396	69	33	35	86	35
2	24	21	68	198	291	150	305	60	31	31	114	33
3	23	20	57	220	1160	140	262	77	32	30	110	31
4	23	20	52	254	1540	130	211	70	32	28	65	30
5	23	55	49	209	1020	120	186	56	31	25	241	29
6	22	33	43	179	556	110	167	53	35	28	188	28
7	21	25	52	140	383	100	153	152	36	586	117	65
8	21	25	90	247	299	100	142	114	33	201	87	57
9	20	24	76	280	258	100	264	80	38	167	86	46
10	19	23	72	574	221	95	268	66	62	80	276	59
11	19	53	64	1160	204	120	204	56	104	73	193	55
12	19	69	59	659	289	208	170	47	72	52	110	46
13	18	38	52	594	218	1710	150	44	46	39	80	40
14	18	31	47	383	203	1720	359	39	42	32	64	35
15	39	31	56	291	198	498	376	123	97	29	56	30
16	92	29	64	235	695	650	258	96	53	27	88	28
17	42	28	57	199	661	466	215	86	44	25	170	30
18	30	27	52	176	1250	645	186	73	38	27	90	32
19	27	27	53	165	749	932	163	60	38	28	87	29
20	26	216	53	196	444	491	140	51	45	68	64	28
21	25	122	50	152	323	450	122	45	40	77	53	32
22	25	77	46	142	262	350	109	43	37	37	50	52
23	25	59	44	138	264	290	102	40	38	29	50	642
24	24	47	844	135	249	602	97	37	33	28	40	326
25	24	46	778	2700	227	381	97	35	27	87	35	162
26	24	42	413	1020	210	280	109	32	29	123	55	112
27	23	37	256	473	190	212	88	37	38	51	45	88
28	23	34	225	335	180	198	79	33	31	38	45	73
29	22	31	496	262	---	650	73	40	31	31	40	60
30	22	46	521	221	---	2110	76	36	32	27	38	52
31	22	---	347	191	---	596	---	33	---	62	35	---
TOTAL	811	1357	5217	12380	12720	14770	5527	1883	1278	2201	2858	2365
MEAN	26.2	45.2	168	399	454	477	184	60.7	42.6	71.0	92.2	78.8
MAX	92	216	844	2700	1540	2110	396	152	104	586	276	642
MIN	18	20	43	135	177	95	73	32	27	25	35	28
CFSM	.32	.55	2.06	4.90	5.57	5.85	2.26	.74	.52	.87	1.13	.97
IN.	.37	.62	2.38	5.65	5.81	6.74	2.52	.86	.58	1.00	1.30	1.08

CAL YR 1974 TOTAL 59105 MEAN 162 MAX 2280 MIN 15 CFSM 1.99 IN 26.98
WTR YR 1975 TOTAL 63367 MEAN 174 MAX 2700 MIN 18 CFSM 2.14 IN 28.92

PEAK DISCHARGE (BASE, 2,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
1-10	2400	9.51	2,810	3-13	2345	13.83	5,280
1-25	1800	14.81	5,990	3-30	0645	11.15	3,600

02456500 Locust Fork at Sayre, Ala.

LOCATION.--Lat 33°42'35", long 86°59'00", in NW 1/4 sec.29, T.15 S., R.4 W., Jefferson County, on right bank at downstream side of bridge on county road at Sayre, 1.5 mi (2.4 km) downstream from Camp Creek, and at mile 33.9 (54.5 km).

DRAINAGE AREA.--887 mi^2 (2,297 km^2).

PERIOD OF RECORD.--July 1928 to March 1932 (published as "near Warrior"). October 1941 to current year. Monthly discharge only for July 1928 and low-water periods October 1941 to September 1945, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 258.64 ft (78.833 m) above mean sea level (levels by Corps of Engineers). Prior to March 1932, nonrecording gage at site 9 mi (14.5 km) upstream, at different datum. May 11, 1942, to June 30, 1949, nonrecording gage at present site and datum.

AVERAGE DISCHARGE.--37 years (1928-31, 1941-75), 1,411 ft^3/s (39.96 m^3/s), 21.60 in/yr (549 mm/yr).

EXTREMES.--Current year: Maximum discharge, 21,100 ft^3/s (598 m^3/s) Mar. 15 (gage height, 27.69 ft or 8.440 m); minimum daily, 67 ft^3/s (1.90 m^3/s) Oct. 27.
Period of record: Maximum discharge, 55,300 ft^3/s (1,570 m^3/s) Jan. 7, 1949 (gage height, 47.9 ft or 14.60 m); maximum gage height, 48.60 ft (14.813 m) Feb. 23, 1961; minimum discharge, 17 ft^3/s (0.48 m^3/s) Sept. 28, Oct. 2, 1931.

REMARKS.--Records good. Diversion above station subsequent to 1938 from Inland Reservoir, usable capacity 60,000 acre-ft (74.0 hm^3) on Blackburn Fork for industrial water supply for city of Birmingham.

REVISIONS (WATER YEARS).--WSP 1142: 1943(M). WSP 1304: 1929(M). WSP 1384: Drainage area. WSP 1434: 1943.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	160	82	283	5,200	2,180	1,790	6,080	586	373	568	822	217
2	139	82	332	3,490	2,060	1,680	4,090	543	349	408	1,130	199
3	125	82	343	2,660	3,100	1,620	3,210	522	326	366	1,170	187
4	122	92	360	2,880	7,750	1,400	2,570	560	298	349	927	178
5	111	114	319	3,030	10,900	1,310	2,120	552	277	363	1,350	163
6	111	148	280	2,390	10,700	1,200	1,760	548	280	301	2,580	157
7	103	131	316	1,970	6,900	1,090	1,560	633	289	1,550	2,600	217
8	105	172	401	1,830	4,580	1,050	1,380	3,080	268	4,930	1,260	259
9	97	154	435	2,390	3,570	1,050	1,380	2,380	387	2,210	1,110	262
10	95	134	451	2,810	3,010	1,000	2,390	2,480	539	1,280	4,690	307
11	100	136	439	7,290	2,580	1,100	2,650	1,670	543	956	3,920	304
12	100	193	391	7,980	3,110	1,290	1,830	1,220	658	849	2,280	238
13	95	187	356	7,990	4,070	4,940	1,440	960	447	675	1,590	223
14	95	166	336	5,580	3,150	19,000	1,690	817	398	560	1,150	211
15	105	160	326	3,890	2,480	18,700	2,740	1,100	913	478	937	172
16	163	157	360	2,940	4,060	8,660	2,560	1,790	759	416	1,240	151
17	199	166	356	2,320	9,320	6,280	1,940	1,920	680	370	1,050	145
18	157	151	343	1,940	9,260	5,280	1,650	1,540	482	346	890	148
19	151	154	326	1,740	14,500	7,650	1,460	1,730	370	366	867	145
20	122	223	316	1,810	12,300	7,470	1,270	1,330	1,290	799	759	148
21	105	474	313	1,840	6,090	5,030	1,110	1,050	790	1,760	680	151
22	89	366	298	1,570	4,260	3,960	996	881	840	1,770	543	175
23	79	398	289	1,390	3,460	3,360	918	759	632	904	462	816
24	77	313	1,780	1,330	3,360	4,070	863	662	398	649	431	4,660
25	77	265	3,370	9,530	3,200	6,270	845	581	313	1,620	412	6,460
26	72	238	4,690	16,900	2,540	4,560	900	523	280	3,020	370	2,650
27	67	223	3,010	10,300	2,160	3,410	785	531	280	1,700	332	1,600
28	72	202	2,210	5,040	1,930	2,850	693	462	274	1,300	292	1,190
29	69	190	2,640	3,690	------	2,670	633	462	298	927	268	955
30	74	205	7,430	2,960	------	10,000	607	443	804	702	247	781
31	72	------	7,440	2,550	------	11,100	------	394	------	645	235	------
TOTAL	3,308	5,758	40,539	129,230	146,580	150,840	54,120	32,709	14,835	33,137	36,594	23,469
MEAN	107	192	1,308	4,169	5,235	4,866	1,804	1,055	495	1,069	1,180	782
MAX	199	474	7,440	16,900	14,500	19,000	6,080	3,080	1,290	4,930	4,690	6,460
MIN	67	82	280	1,330	1,930	1,000	607	394	268	301	235	145
CFSM	.12	.22	1.47	4.70	5.90	5.49	2.03	1.19	.56	1.21	1.33	.88
IN.	.14	.24	1.70	5.42	6.15	6.33	2.27	1.37	.62	1.39	1.53	.98

CAL YR 1974 TOTAL 591,292 MEAN 1,620 MAX 14,500 MIN 67 CFSM 1.83 IN 24.80
WTR YR 1975 TOTAL 671,119 MEAN 1,839 MAX 19,000 MIN 67 CFSM 2.07 IN 28.15

PEAD DISCHARGE (BASE, 17,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
1-26	1300	24.64	17,200	3-15	0100	27.69	21,100

02457000 Fivemile Creek at Ketona, Ala.

LOCATION.--Lat 33°36'05", long 86°45'20", in NW 1/4 sec.33, T.16 S., R.2 W., Jefferson County, at foot bridge at Ketona, 0.6 mi (1.0 km) downstream from Barton Branch, 0.9 mi (1.4 km) downstream from Tarrant Spring Branch, and 2 mi (3.2 km) northwest of Tarrant City.

DRAINAGE AREA.--22.8 mi^2 (59.1 km^2).

PERIOD OF RECORD.--August 1953 to September 1958. October 1958 to November 1974 (annual maximums only). December 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is 546.70 ft (166.643) above mean sea level.

AVERAGE DISCHARGE.--5 years (1954-58), 27.4 ft^3/s (0.776 m^3/s).

EXTREMES.--Maximum discharge during period (also maximum for water year) December 1974 to September 1975, 3,710 ft^3/s (105 m^3/s) Jan. 25 (gage height, 10.14 ft or 3.091 m); minimum daily, 14 ft^3/s (0.40 m^3/s) Sept. 5, 21.
Period of record: Maximum discharge, 4,970 ft^3/s (141 m^3/s) Mar. 19, 1970 (gage height, 14.94 ft or 4.554 m); minimum daily, 4.8 ft^3/s (0.14 m^3/s) Nov. 2, 1954.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			20	60	41	37	60	25	43	28	40	16
2			17	50	127	34	50	24	20	17	35	16
3			16	60	394	32	44	35	20	16	25	15
4			15	50	448	30	40	26	20	16	60	15
5			15	45	179	30	35	24	19	15	35	14
6			15	35	113	29	32	23	27	38	26	17
7			28	70	83	28	30	145	21	405	19	77
8			25	120	68	28	28	49	20	40	18	21
9			20	200	59	27	82	34	69	67	17	17
10			19	400	53	29	49	31	27	44	54	17
11			18	220	50	27	42	27	24	34	23	16
12			17	160	73	26	37	25	24	28	20	17
13			17	110	45	662	35	24	19	23	19	16
14			16	85	42	167	121	24	20	21	18	15
15			28	60	39	86	60	61	58	20	56	15
16			20	45	203	149	49	44	21	20	84	15
17			19	42	86	76	45	34	19	18	42	15
18			18	40	201	309	41	29	18	17	44	15
19			20	48	84	159	40	27	18	17	31	15
20			19	46	65	93	35	26	18	38	23	15
21			18	36	57	72	33	25	17	20	21	14
22			18	33	53	63	29	25	16	17	20	30
23			20	32	65	58	28	23	16	16	19	293
24			485	96	52	90	28	23	16	16	18	47
25			261	1060	45	120	29	23	16	51	17	28
26			92	135	41	54	42	22	40	30	29	23
27			67	87	38	48	28	24	21	22	18	20
28			75	68	36	45	26	25	19	19	17	19
29			116	57	---	127	25	23	16	16	17	17
30			103	50	---	246	28	21	16	19	19	16
31			114	45	---	77	---	21	---	29	17	---
TOTAL			1751	3645	2840	3058	1251	992	718	1177	901	886
MEAN			56.5	118	101	98.6	41.7	32.0	23.9	38.0	29.1	29.5
MAX			485	1060	448	662	121	145	69	405	84	293
MIN			15	32	36	26	25	21	16	15	17	14
CFSM			2.48	5.18	4.43	4.32	1.83	1.40	1.05	1.67	1.28	1.29
IN.			2.86	5.95	4.63	4.99	2.04	1.62	1.17	1.92	1.47	1.45

PEAK DISCHARGE (BASE, 950 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
12-24	1020	4.80	1,400	03-13	1820	8.06	2,870
01-10	Unknown	6.41	2,210	03-18	2100	4.87	1,440
01-25	0525	10.14	3,710	03-30	0405	4.04	970
02-03	2330	4.10	1,000	07-07	1035	7.58	2,680
02-18	0810	4.03	964	09-23	1055	4.99	1,520

02460500 Village Creek near Adamsville, Ala.

LOCATION.--Lat 33°36'20", long 87°00'25", in E 1/2 sec.36, T.16 S., R.5 W., Jefferson County, on left bank at county road bridge, 0.2 mi (0.3 km) upstream from Canoe Creek, 3.5 mi (5.6 km) west of Adamsville, and at mile 8.0 (12.9 km).

DRAINAGE AREA.--84.1 mi^2 (217.8 km^2).

PERIOD OF RECORD.--October 1953 to September 1958, October 1964 to September 1965, February 1973 to current year. Annual maximum only, water years 1959-64, 1966-71.

GAGE.--Water-stage recorder. Altitude of gage is 340 ft (104 m)(by barometer).

AVERAGE DISCHARGE.--8 years, (1954-58, 1965, 1974-75), 156 ft^3/s (4.418 m^3/s), 25.19 in/yr (640 mm/yr).

EXTREMES.--February to September 1973: Maximum discharge 6,180 ft^3/s (175 m^3/s) Mar. 31 (gage height, 13.03 ft or 3.972 m); minimum daily, 27 ft^3/s (0.76 m^3/s) Sept. 11, 12.

Water year 1974: Maximum discharge , 5,700 ft3/s (161 m^3/s) Dec. 26 (gage height, 12.50 ft or 3.810 m); minimum daily, 41 ft^3/s (1.16 m^3/s) July 7, 8.

Water year 1975: Maximum discharge, 6,530 ft^3/s (185 m^3/s) Jan. 25 (gage height, 13.40 ft or 4.084 m); minimum daily, 69 ft^3/s (1.95 m^3/s) Oct. 7.

Period of record: Maximum discharge, 19,700 ft^3/s (558 m^3/s) Mar. 19, 1970; (gage height, 23.15 ft or 7.056 m); minimum, no flow for many days during water years 1954-58.

A stage of about 21 ft or 6.4 m has been reached on several occasions, from information by local residents.

REMARKS.--Records poor prior to October 1974 and good thereafter. Considerable regulation by Tennessee Coal and Iron Railroad Company reservoir (usable capacity, 1.7 billion gallons or 6.4 m^3) about 8 miles upstream. Diversion for industrial use in the Birmingham area affect low flows.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					383	116	408	206	181	74	271	49
2					472	314	494	184	152	175	210	51
3					299	409	377	177	124	163	191	49
4					250	606	317	167	119	179	191	49
5					229	554	248	137	110	270	190	49
6					226	310	233	117	123	235	190	49
7					208	359	1,360	136	106	292	163	49
8					299	252	637	2,760	283	206	112	49
9					248	250	387	673	179	229	141	46
10					223	219	289	351	139	154	165	31
11					212	920	253	262	138	188	377	27
12					195	546	214	639	176	131	255	27
13					208	354	199	294	165	124	196	52
14					926	293	174	231	110	688	736	92
15					464	280	159	200	132	472	223	67
16					338	1,690	157	190	152	209	188	62
17					276	1,380	160	180	98	1,270	252	56
18					250	496	233	170	102	523	310	57
19					227	370	327	160	331	499	191	54
20					211	394	166	300	209	805	188	62
21					170	474	142	250	301	248	186	64
22					156	287	131	220	199	182	186	64
23					145	243	129	220	131	154	186	58
24					135	208	196	141	103	154	170	64
25					130	1,540	1,020	191	117	211	140	60
26					123	516	722	409	105	365	136	68
27					128	360	900	1,640	94	186	105	72
28					129	296	404	345	377	181	50	79
29					------	257	290	231	137	177	49	75
30					------	252	236	231	96	177	49	162
31		------			------	3,540	------	187	------	177	49	------
TOTAL					7,260	18,085	10,960	11,599	4,789	9,098	6,046	1,793
MEAN					259	583	365	374	160	293	195	59.8
MAX					926	3,540	1,360	2,760	377	1,270	736	162
MIN					123	116	129	117	94	74	49	27
CFSM					3.18	7.16	4.48	4.59	1.97	3.60	2.40	.73
IN.					3.32	8.26	5.01	5.30	2.19	4.16	2.76	.82

PEAK DISCHARGE (BASE, 3,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
3-16	2145	11.13	4,550	5-08	1430	11.54	4,880
3-31	1100	13.03	6,180	5-28	0330	9.64	3,450
4-07	1615	9.11	3,100				

02460500 Village Creek near Adamsville, Ala.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	446	77	147	746	293	186	190	164	165	82	71	370
2	178	74	140	414	390	177	892	166	214	75	73	659
3	194	74	139	330	273	172	287	167	155	42	83	469
4	158	74	175	376	229	168	655	141	144	42	64	219
5	158	75	322	301	204	168	500	71	144	44	75	142
6	158	74	168	610	315	166	350	83	145	45	63	131
7	158	74	146	1,450	861	163	250	84	143	41	392	117
8	158	107	139	573	655	159	200	85	142	41	374	467
9	136	123	139	686	394	157	160	92	141	43	171	255
10	71	117	137	1,250	301	154	140	91	141	75	93	809
11	71	121	136	1,570	252	120	130	92	137	101	90	286
12	71	165	136	791	226	77	350	112	138	88	124	197
13	72	164	136	476	204	72	2,000	96	140	78	197	172
14	72	164	136	390	200	70	1,000	151	139	68	111	433
15	71	164	144	392	974	66	500	165	139	149	357	225
16	70	164	138	307	1,160	65	335	162	115	116	386	157
17	73	163	137	260	622	63	281	154	77	247	131	141
18	73	163	136	242	428	66	235	151	77	109	103	124
19	73	133	136	221	752	90	201	151	77	82	90	114
20	73	84	157	342	389	132	185	151	77	74	89	112
21	73	62	158	451	420	196	176	151	77	72	83	104
22	73	87	150	292	1,810	150	250	159	77	49	65	89
23	73	85	147	628	533	118	324	352	83	60	77	78
24	73	107	144	622	369	104	190	176	82	68	63	84
25	73	149	193	396	282	94	175	150	80	49	73	89
26	73	149	3,370	496	244	92	172	1,500	80	84	71	124
27	73	178	887	491	212	118	170	861	80	358	68	199
28	76	878	439	916	192	134	168	320	80	94	377	159
29	74	245	328	714	------	174	168	224	81	59	127	101
30	74	170	330	440	------	334	165	182	82	66	720	90
31	76	------	1,470	337	------	151	------	164	------	66	492	------
TOTAL	3,345	4,464	10,660	17,510	13,184	4,156	10,799	6,768	3,452	2,667	5,353	6,716
MEAN	108	149	344	565	471	134	360	218	115	86.0	173	224
MAX	446	878	3,370	1,570	1,810	334	2,000	1,500	214	358	720	809
MIN	70	62	136	221	192	63	130	71	77	41	63	78
CFSM	1.33	1.83	4.23	6.94	5.79	1.65	4.42	2.68	1.41	1.06	2.13	2.75
IN.	1.53	2.04	4.87	8.00	6.03	1.90	4.94	3.09	1.58	1.22	2.45	3.07

WTR YR 1974 TOTAL 89,074 MEAN 244 MAX 3,370 MIN 41 CFSM 3.00 IN 40.71

PEAK DISCHARGE (BASE, 3,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
12-26	1530	12.50	5,700	4-13	Unknown	Unknown	Unknown
2-22	0530	9.70	3,490	5-26	1930	9.54	3,380

02460500 Village Creek near Adamsville, Ala.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	97	82	193	331	206	152	366	152	104	151	288	83
2	90	81	127	272	252	154	319	122	95	106	288	76
3	89	76	111	323	1,010	131	352	149	74	145	181	78
4	86	76	90	383	2,050	132	237	168	91	95	137	80
5	81	206	87	272	1,130	123	223	119	79	78	168	72
6	74	109	98	244	608	129	195	119	91	102	301	71
7	69	78	185	227	428	131	183	406	99	1,080	152	363
8	83	85	244	662	316	131	181	352	89	526	122	144
9	89	86	140	594	266	116	406	180	87	513	122	108
10	83	86	125	737	239	136	389	174	112	195	122	131
11	77	326	112	1,370	220	128	225	137	144	246	137	128
12	86	223	113	908	284	116	183	124	363	168	122	77
13	81	99	105	633	204	2,150	163	128	122	130	104	74
14	77	99	99	416	185	1,920	577	124	98	115	97	78
15	151	109	168	324	172	526	506	637	341	109	131	73
16	487	94	149	264	935	768	311	734	130	104	176	74
17	127	109.	108	229	644	466	264	371	112	105	477	83
18	99	99	99	200	1,160	1,090	231	260	111	251	139	101
19	81	99	125	190	601	1,300	210	193	101	201	204	85
20	81	936	133	301	395	530	187	170	109	225	136	76
21	82	296	111	198	309	392	167	151	105	269	116	70
22	78	176	102	181	250	319	149	144	97	144	109	97
23	76	140	98	166	294	266	142	136	80	122	101	1,080
24	74	122	2,710	194	306	930	142	125	85	124	89	464
25	76	128	1,600	3,940	208	401	158	112	85	288	81	183
26	82	121	662	829	186	294	223	102	108	418	178	140
27	76	106	406	481	175	244	161	313	131	145	105	118
28	71	89	452	357	166	218	134	127	140	122	85	105
29	85	80	523	299	------	484	134	124	229	118	81	97
30	82	152	556	250	------	1,580	168	131	237	108	94	90
31	78	------	424	235	------	543	------	115	------	318	116	------
TOTAL	3,048	4,568	10,255	16,010	13,199	16,000	7,286	6,399	3,849	6,821	4,759	4,499
MEAN	98.3	152	331	516	471	516	243	206	128	220	154	150
MAX	487	936	2,710	3,940	2,050	2,150	577	734	363	1,080	477	1,080
MIN	69	76	87	166	166	116	134	102	74	78	81	70
CFSM	1.21	1.87	4.07	6.34	5.79	6.34	2.99	2.53	1.57	2.70	1.89	1.84
IN.	1.39	2.09	4.69	7.32	6.03	7.31	3.33	2.92	1.76	3.12	2.17	2.06

CAL YR 1974 TOTAL 88,476 MEAN 242 MAX 2,710 MIN 41 CFSM 2.97 IN 40.43
WTR YR 1975 TOTAL 96,693 MEAN 265 MAX 3,940 MIN 69 CFSM 3.26 IN 44.19

PEAK DISCHARGE (BASE, 3,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
12-24	1715	10.60	4,150	1-25	1100	13.40	6,530
1-11	0145	9.14	3,120	3-13	2400	12.03	5,280

02462501 Black Warrior River at Bankhead Lock and Dam near Bessemer, Ala.

LOCATION.--Lat 33°27'25", long 87°21'18", SE¼ sec. 22, T. 18 S., R. 8 W., Jefferson County, on downstream side of lock 1.9 mi (3.1 km) downstream from Big Yellow Creek, 23 mi (37.0 km) northwest of Bessemer, and at mile 153.6 (247.2 km).

DRAINAGE AREA.--3,990 mi^2 (10,330 km^2).

PERIOD OF RECORD.--December 1911 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. December 1911 to September 1971 in files of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is 173.5 ft (52.88 m) above mean sea level. Prior to July 11, 1963, nonrecording gage at same site and datum.

EXTREMES.--Maximum and minimum gage heights (at 0700) for water years 1972-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1972	Jan. 5, 1972	14.4	4.39	Oct. 14, 1971	10.9	3.32
1973	Mar. 31, 1973	15.2	4.63	May 23, 1973	11.5	3.51
1974	Dec. 26, 1973	16.8	5.12	May 4, 1974	12.3	3.75
1975	Mar. 14, 1975	16.5	5.03	Feb. 2, 1975	12.1	3.69

Period of record: Maximum, 20.5 ft (6.25 m) July 9, 1916; minimum, 6.1 ft (1.86 m) Oct. 15-Nov. 1, 1920.

REMARKS.--Records good.

COOPERATION.--Records furnished by Corps of Engineers.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.90	12.90	13.20	13.50	12.50	13.90	13.60	12.40	13.10	12.80	13.20	13.00
2	13.10	13.00	13.40	13.50	12.10	13.60	13.40	13.00	13.20	12.80	13.10	13.00
3	12.90	13.20	13.00	13.90	12.50	13.30	13.70	13.20	13.00	12.90	13.10	12.90
4	12.90	13.10	13.40	13.70	14.30	13.30	13.40	12.90	13.00	12.90	12.90	13.00
5	13.00	13.30	13.20	13.40	13.50	12.80	13.40	13.00	13.10	13.00	12.70	13.00
6	13.10	13.40	13.20	12.70	13.80	13.20	13.30	13.10	13.00	13.20	12.90	13.00
7	13.20	13.10	13.10	13.40	13.40	13.60	13.30	13.20	12.70	13.10	12.80	12.90
8	13.30	13.50	13.20	13.10	13.40	12.90	13.40	13.70	13.30	13.50	13.10	13.20
9	12.90	13.50	13.30	13.40	13.60	12.60	13.40	13.40	13.40	13.30	13.00	13.20
10	12.90	13.30	13.30	13.70	13.60	13.10	13.80	13.40	13.00	12.70	13.10	13.00
11	13.10	13.30	13.30	14.80	13.50	13.20	13.60	13.40	12.80	12.90	13.10	13.00
12	13.30	13.00	12.80	14.00	13.30	12.90	13.40	13.40	12.80	13.10	12.50	12.90
13	13.40	13.10	13.10	13.70	13.50	12.80	13.30	13.30	13.00	13.30	13.00	12.90
14	13.20	13.00	13.20	14.50	13.30	16.50	13.10	13.10	12.80	13.20	12.80	12.70
15	13.10	13.10	13.10	13.00	13.50	16.30	14.20	13.10	12.70	12.90	12.90	12.80
16	13.30	13.10	13.30	13.30	13.80	15.50	13.60	13.70	12.70	12.90	12.80	12.80
17	13.40	13.10	13.10	13.80	13.60	13.70	13.40	13.60	13.00	12.80	12.90	12.90
18	13.20	13.30	12.90	13.80	14.50	13.70	13.40	13.40	12.80	12.70	12.80	13.00
19	13.00	13.30	13.00	13.80	15.10	14.90	13.40	13.40	12.90	12.90	12.90	13.20
20	13.00	13.30	13.00	13.10	14.40	14.80	13.00	13.20	13.00	13.00	12.80	13.10
21	13.20	13.10	13.40	13.10	14.00	14.10	13.20	13.30	13.00	13.10	13.30	12.90
22	13.30	13.00	13.40	13.30	13.70	14.00	12.70	13.00	13.00	12.70	13.20	13.00
23	13.50	13.10	13.10	13.10	13.60	13.80	13.20	13.30	12.70	13.00	13.10	13.50
24	13.20	13.10	13.80	14.00	13.70	13.70	13.10	13.10	13.20	12.90	13.10	12.90
25	13.00	13.10	13.80	14.50	13.50	14.10	13.30	13.80	13.20	13.20	13.10	13.40
26	13.10	13.20	13.60	13.90	14.00	13.70	13.00	12.60	13.00	13.20	12.50	13.70
27	13.30	13.40	13.70	14.00	14.10	13.40	13.10	13.00	12.80	13.30	13.10	13.10
28	13.30	13.30	13.60	13.70	13.80	13.20	13.00	12.80	12.70	13.20	13.00	13.00
29	13.30	13.30	13.50	13.60	------	13.70	12.70	13.00	12.80	13.30	13.00	13.30
30	12.90	13.10	13.50	13.40	------	14.40	12.60	13.00	13.20	13.40	12.90	13.20
31	13.10	------	13.10	13.40	------	14.00	------	12.90	------	13.30	13.00	------
MAX	13.50	13.50	13.80	14.80	15.10	16.50	14.20	13.80	13.40	13.50	13.30	13.70
MIN	12.90	12.90	12.80	12.70	12.10	12.60	12.60	12.40	12.70	12.70	12.50	12.70

CAL YR 1974 MAX 15.80 MIN 12.30
WTR YR 1975 MAX 16.50 MIN 12.10

02462501 Black Warrior River at Bankhead Lock and Dam near Bessemer, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.40	13.20	13.20	13.30	14.00	13.80	13.60	13.10	13.20	13.00	13.00	13.30
2	13.30	13.30	13.20	13.60	13.30	13.60	15.20	13.20	12.90	13.20	13.10	13.10
3	13.00	13.30	13.50	13.70	13.40	13.60	14.00	13.00	12.90	13.10	13.00	13.40
4	13.10	13.40	13.00	13.60	13.40	12.60	14.50	12.30	12.90	13.30	13.10	13.40
5	13.00	13.30	13.10	13.70	13.60	13.00	13.90	12.60	12.90	13.30	13.30	13.10
6	13.20	13.30	13.20	13.60	13.60	13.20	13.90	12.60	12.70	13.00	13.30	13.00
7	13.40	13.10	13.00	14.40	13.90	13.20	13.90	12.70	13.30	13.20	13.40	13.00
8	13.20	13.30	13.20	14.20	13.80	13.00	13.40	12.70	13.40	13.20	13.30	14.00
9	13.00	13.40	12.40	13.60	13.70	13.40	14.00	12.50	13.20	13.10	13.20	13.70
10	13.20	13.00	12.80	15.10	13.90	13.10	13.90	12.60	12.60	13.30	13.30	13.40
11	13.00	13.20	12.90	14.00	14.00	13.30	13.30	12.80	13.40	13.10	13.30	13.00
12	12.90	13.40	13.10	14.00	13.70	13.20	13.40	12.80	13.00	13.10	13.20	13.30
13	12.80	13.20	13.30	14.00	13.90	12.40	15.80	13.30	13.20	12.90	13.20	12.80
14	13.10	13.20	13.30	14.00	13.30	13.10	14.90	12.70	13.10	13.00	13.40	12.80
15	13.10	13.50	13.00	13.70	13.90	13.00	14.10	12.70	13.10	13.00	13.20	13.10
16	13.00	13.30	13.00	13.60	13.90	13.00	13.80	12.70	12.60	12.70	13.20	13.10
17	12.80	13.20	13.30	13.90	14.60	13.10	13.90	13.10	12.70	12.90	13.20	12.80
18	12.90	13.20	13.00	13.50	13.70	13.20	13.90	12.80	12.50	13.00	13.30	13.20
19	13.20	13.30	13.20	13.50	13.70	13.40	13.80	12.80	12.60	13.00	13.20	13.20
20	13.00	13.10	13.20	13.40	14.00	13.00	14.00	13.30	12.80	13.00	13.50	13.20
21	12.90	13.30	13.00	13.60	13.20	13.40	13.60	13.30	13.00	12.70	13.10	13.30
22	13.00	13.20	13.30	13.70	14.40	13.20	13.40	13.00	13.20	12.90	13.00	13.00
23	13.00	13.10	13.00	13.60	14.70	13.00	13.70	12.90	12.60	12.90	13.10	13.10
24	12.90	13.10	13.10	13.80	13.50	13.10	13.00	13.00	12.70	13.10	13.00	13.20
25	13.40	13.70	13.20	13.60	13.70	13.10	13.10	12.90	12.90	13.00	12.90	13.10
26	12.90	13.10	16.80	13.60	13.50	13.60	13.40	12.80	13.00	13.00	13.30	12.90
27	13.00	13.10	15.80	14.20	14.00	13.50	13.50	13.80	12.90	13.00	13.30	13.20
28	12.90	13.10	14.40	14.30	13.80	13.30	13.60	13.70	13.00	13.00	13.00	13.00
29	12.90	13.10	13.20	14.00	------	15.30	13.40	13.50	13.00	12.90	13.10	13.00
30	13.00	13.40	13.10	14.20	------	13.60	13.30	13.30	13.00	12.80	13.30	13.00
31	12.90	------	13.80	14.80	------	14.20	------	12.70	------	12.90	13.20	------
MAX	13.40	13.70	16.80	15.10	14.70	15.30	15.80	13.80	13.40	13.30	13.50	14.00
MIN	12.80	13.00	12.40	13.30	13.20	12.40	13.00	12.30	12.50	12.70	12.90	12.80

CAL YR 1973 MAX 16.80 MIN 11.50
WTR YR 1974 MAX 16.80 MIN 12.30

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.70	13.00	13.00	14.60	13.60	13.50	14.70	12.00	12.40	12.60	13.40	13.00
2	12.60	13.30	12.00	14.60	13.70	13.70	12.60	12.70	12.10	12.50	13.50	13.50
3	12.60	13.20	12.90	13.70	13.80	12.60	13.20	13.30	12.20	12.70	13.00	13.10
4	13.00	13.20	12.90	14.60	13.60	12.40	12.80	13.30	12.20	12.90	12.90	13.10
5	12.70	13.20	12.90	13.50	13.60	13.40	12.90	12.90	12.20	12.70	13.30	12.80
6	12.50	12.90	13.20	14.30	13.70	13.40	13.00	13.30	12.20	12.40	13.30	13.10
7	11.90	13.20	13.70	14.10	13.60	12.80	13.00	13.00	12.50	13.50	13.10	13.20
8	11.70	13.00	13.60	14.50	13.70	12.60	12.90	14.60	13.10	13.10	13.30	13.20
9	11.70	12.70	13.40	14.30	13.90	12.60	13.00	12.80	12.50	13.00	13.30	13.20
10	12.50	12.80	13.50	13.90	13.90	12.70	12.80	13.10	12.30	12.90	13.50	13.10
11	12.40	12.80	13.90	13.20	13.80	12.60	12.60	12.90	12.20	13.30	13.20	13.10
12	13.00	12.90	13.80	13.50	13.30	13.60	12.80	12.70	12.20	12.70	13.50	13.10
13	12.70	12.70	12.80	14.00	13.10	13.00	12.80	13.00	12.50	13.00	13.50	13.10
14	12.60	13.00	13.10	13.60	14.00	12.60	12.50	12.60	12.80	12.80	13.70	13.10
15	12.50	12.70	14.30	13.60	13.50	12.40	12.50	12.60	12.20	13.80	13.40	12.90
16	12.90	12.70	14.10	13.40	13.50	13.40	12.90	12.40	12.40	13.80	13.30	13.00
17	12.60	12.70	13.30	13.30	14.20	14.40	12.30	12.30	12.50	13.50	13.20	13.20
18	13.10	13.00	13.30	13.20	13.80	14.40	12.90	12.20	12.60	13.30	13.30	13.00
19	13.10	12.80	13.10	13.90	13.90	13.80	12.90	12.40	12.90	13.90	13.40	12.90
20	13.00	13.10	12.80	13.30	13.60	13.30	11.90	11.90	13.30	13.70	13.30	13.20
21	12.80	13.00	13.60	13.60	13.50	13.20	12.00	12.20	12.80	12.90	13.40	12.90
22	13.00	13.00	13.60	14.10	13.70	13.00	11.80	12.30	13.50	13.30	12.80	12.90
23	12.90	12.80	13.80	13.90	13.60	13.00	11.90	11.50	13.40	12.40	13.40	12.90
24	13.20	12.60	13.40	13.60	13.50	13.00	11.70	12.00	13.40	12.70	13.20	13.00
25	13.50	12.60	13.00	13.50	13.20	14.00	13.90	11.80	12.70	13.00	13.40	13.30
26	13.60	13.30	12.90	13.80	13.00	12.90	13.90	11.80	12.50	13.20	13.00	13.40
27	13.40	13.20	12.90	13.50	12.90	12.90	13.70	12.50	13.00	13.10	13.20	12.50
28	13.80	12.90	13.00	13.20	13.00	13.20	12.80	13.30	13.20	13.00	12.80	12.60
29	13.90	12.60	13.00	13.90	------	13.00	12.60	13.20	12.70	13.20	13.00	13.20
30	13.60	12.70	13.40	13.70	------	13.00	12.50	13.10	12.80	13.20	13.30	13.00
31	13.30	------	13.50	13.40	------	15.20	------	13.50	------	13.40	13.30	------
MAX	13.90	13.30	14.30	14.60	14.20	15.20	14.70	14.60	13.50	13.90	13.70	13.50
MIN	11.70	12.60	12.00	13.20	12.90	12.40	11.70	11.50	12.10	12.40	12.80	12.50

CAL YR 1972 MAX 14.40 MIN 11.60
WTR YR 1973 MAX 15.20 MIN 11.50

02462501 Black Warrior River at Bankhead Lock and Dam near Bessemer, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.80	11.70	12.00	11.80	13.50	13.60	12.80	11.70	12.90	12.50	13.60	12.40
2	12.70	11.50	11.80	12.90	13.20	13.30	12.90	11.60	12.80	12.50	13.30	12.30
3	12.60	11.80	12.80	12.90	13.20	13.60	12.80	12.00	12.90	12.50	12.90	12.60
4	12.40	12.80	12.60	14.00	13.50	13.30	12.90	12.20	12.80	13.00	12.50	12.30
5	12.70	12.50	12.70	14.40	12.40	13.00	13.10	12.20	12.70	13.10	12.60	12.30
6	12.90	12.80	12.70	13.00	12.60	13.50	12.80	13.30	12.80	12.90	12.70	12.90
7	12.90	12.70	13.00	13.00	12.70	13.00	12.70	13.40	12.60	13.10	12.70	13.30
8	12.70	12.60	12.60	13.50	13.30	13.50	12.70	13.10	12.60	13.60	12.30	12.50
9	12.20	12.40	12.90	13.40	13.20	13.50	12.60	13.20	12.70	13.40	12.60	12.30
10	12.30	12.60	12.20	14.00	13.30	13.10	12.80	13.00	12.80	13.00	13.30	12.50
11	12.00	12.60	12.20	14.20	13.00	13.20	12.90	12.90	12.50	12.70	12.90	12.50
12	12.00	12.90	12.60	14.20	13.80	13.00	13.00	13.10	12.50	13.00	12.50	12.70
13	12.00	12.70	12.50	13.00	13.80	12.80	12.70	13.00	13.00	12.80	12.60	12.80
14	10.90	12.40	13.10	13.80	13.30	12.70	12.80	13.80	13.30	12.50	12.90	12.80
15	11.90	12.30	12.90	13.60	13.00	12.50	12.30	13.70	13.40	12.90	13.00	13.00
16	12.00	12.60	11.70	13.30	12.90	13.10	12.40	12.80	13.60	12.80	12.90	12.70
17	12.00	12.90	13.00	13.60	13.50	13.20	12.30	13.00	13.80	12.70	13.20	13.00
18	12.00	12.70	13.00	13.50	13.40	12.80	11.80	12.80	13.00	13.00	13.20	13.00
19	11.00	12.80	12.70	13.00	13.30	13.30	12.40	13.00	12.80	12.80	13.60	13.00
20	12.00	12.80	12.60	13.40	12.70	13.00	12.20	13.20	12.90	12.70	13.60	12.50
21	11.90	13.00	12.40	13.40	13.30	13.00	12.20	13.20	12.70	13.10	13.00	12.20
22	11.80	12.80	12.50	12.90	12.70	13.10	12.20	13.10	12.90	12.80	13.70	12.00
23	12.00	12.80	11.70	12.90	12.60	12.70	12.00	13.20	12.90	13.20	13.70	12.60
24	12.00	13.10	12.10	13.40	12.80	12.80	12.10	13.40	12.70	13.30	13.80	12.60
25	12.10	12.70	12.20	12.70	13.20	12.80	12.00	13.60	12.70	13.00	13.80	12.50
26	11.50	12.70	12.00	13.00	13.20	13.10	12.00	13.40	12.80	13.00	13.50	12.00
27	11.70	12.80	11.90	12.60	13.00	13.00	12.00	13.50	12.30	13.40	13.50	12.60
28	11.60	12.40	12.00	12.70	12.90	12.70	12.60	13.20	12.40	13.40	13.60	12.60
29	11.60	12.30	11.70	12.70	13.30	12.60	12.50	12.90	12.80	13.60	14.00	12.60
30	11.70	12.00	12.00	12.60	------	13.30	11.80	13.00	13.10	13.70	12.20	12.60
31	11.10	------	11.90	13.60	------	13.30	------	12.90	------	13.30	12.30	------
MAX	13.80	13.10	13.10	14.40	13.80	13.60	13.10	13.80	13.80	13.70	14.00	13.30
MIN	10.90	11.50	11.70	11.80	12.40	12.50	11.80	11.60	12.30	12.50	12.20	12.00

WTR YR 1972 MAX 14.40 MIN 10.90

02462952 Black Warrior River at Holt Lock and Dam near Holt, Ala.

LOCATION.--Lat 33°15'14", long 87°26'27", in SE¼ sec. 35, T. 20 S., R. 9 W., Tuscaloosa County, on downstream side of lock, 0.1 mi (0.2 km) downstream from Jim Mack Branch, 0.7 mi (1.1 km) upstream from Hurricane Creek, 2.0 mi (3.2 km) northeast of Holt, 3.2 mi (5.1 km) upstream from North River, and at mile 135.1 (217.4 km).

DRAINAGE AREA.--4,230 mi^2 (10,960 km^2).

PERIOD OF RECORD.--July 1966 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. July 1966 to September 1971 in files of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Corps of Engineers).

EXTREMES.--Maximum and minimum gage heights (at 0700) for water years 1972-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1972	Jan. 11, 1972	138.1	42.09	Nov. 7, 1971	122.9	37.46
1973	Mar. 31, 1973	139.0	42.37	Sept. 17, 1973	122.9	37.46
1974	Dec. 27, 1973	144.0	43.89	July 13, 1974	121.0	36.88
1975	Mar. 14, 1975	140.9	42.95	Oct. 15, 1974	122.9	37.46

Period of record: Maximum, 150.8 ft (45.96 m) March 20, 1970; minimum, 121.0 ft (36.88 m) July 13, 1974.

REMARKS.--Records good.

COOPERATION.--Records furnished by Corps of Engineers.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	123.30	123.20	123.50	128.20	126.40	126.60	130.00	123.40	123.90	123.50	126.40	123.60
2	123.30	123.00	123.30	126.50	126.20	127.00	129.10	123.50	123.50	123.60	124.80	123.70
3	123.30	123.10	123.40	126.50	125.90	126.50	128.30	123.60	123.50	123.70	127.10	123.70
4	123.30	123.50	123.30	126.80	131.60	126.20	127.60	123.50	123.50	123.60	124.30	123.80
5	123.30	123.30	123.40	125.90	133.00	126.20	126.70	123.40	123.50	123.50	124.00	123.80
6	123.20	123.20	123.50	124.60	131.60	126.00	126.50	123.60	123.60	123.50	124.10	123.70
7	123.10	123.30	123.40	125.90	128.00	126.20	126.20	123.40	123.60	123.60	124.70	123.80
8	123.10	123.10	123.60	126.00	128.10	126.10	126.00	126.30	123.90	130.30	124.40	123.50
9	123.20	123.20	123.40	127.10	126.40	124.00	126.10	126.40	124.30	126.30	123.80	123.80
10	123.10	123.10	123.60	126.50	126.50	124.70	126.70	124.20	123.70	124.50	124.10	123.70
11	123.20	123.20	123.40	133.90	126.40	124.50	127.40	125.40	123.60	123.90	124.10	123.80
12	123.00	123.50	123.50	131.80	126.80	125.10	126.50	123.90	123.70	123.80	126.10	123.90
13	123.20	123.30	123.30	131.70	127.40	124.40	126.80	123.60	124.00	123.80	124.20	123.70
14	123.00	123.60	123.40	129.90	126.30	140.90	126.30	123.80	124.00	123.90	124.40	123.80
15	122.90	123.40	123.40	127.20	126.20	137.10	131.30	123.80	123.90	123.60	123.70	123.50
16	123.20	123.30	123.30	127.60	127.10	134.40	127.30	127.60	123.90	123.50	123.70	123.70
17	123.40	123.20	123.60	127.80	130.90	130.90	126.50	128.40	123.70	123.50	123.80	123.70
18	123.20	123.30	123.40	126.50	132.10	129.70	126.70	126.50	123.70	123.30	123.80	123.80
19	123.30	123.20	123.30	126.60	133.80	134.80	126.10	124.20	123.60	123.80	124.00	123.80
20	123.20	123.40	123.40	126.10	134.20	131.60	124.10	125.10	123.70	123.80	124.10	123.60
21	123.30	123.40	123.30	123.30	130.30	130.20	123.60	123.90	123.50	123.90	124.10	123.80
22	123.30	123.50	123.50	126.60	128.90	128.10	123.80	123.70	123.90	123.80	123.90	123.50
23	123.30	123.40	123.30	126.40	127.40	129.60	123.60	124.20	123.70	123.70	123.90	124.10
24	123.30	123.30	126.80	126.40	130.90	128.40	123.60	123.60	123.80	123.70	123.80	124.30
25	123.40	123.30	130.70	136.00	128.30	130.80	123.50	123.80	124.10	123.60	123.70	126.30
26	123.40	123.40	130.40	132.90	128.30	129.10	123.70	123.50	123.60	124.40	123.80	126.40
27	123.20	123.50	126.50	131.40	127.20	129.00	123.70	123.70	123.50	124.00	123.80	124.00
28	123.10	123.20	126.30	128.30	127.00	127.40	123.50	123.70	123.50	123.80	123.80	123.80
29	123.10	123.20	126.40	126.50	------	127.20	123.50	123.80	123.50	123.80	123.80	123.60
30	123.00	123.10	129.80	127.30	------	131.50	123.60	123.80	123.50	123.60	123.80	123.90
31	123.10	------	130.20	127.00	------	132.90	------	123.60	------	123.80	123.80	------
MAX	123.40	123.60	130.70	136.00	134.20	140.90	131.30	128.40	124.30	130.30	127.10	126.40
MIN	122.90	123.00	123.30	123.30	125.90	124.00	123.50	123.40	123.50	123.30	123.70	123.50

CAL YR 1974 MAX 139.80 MIN 121.00
WTR YR 1975 MAX 140.90 MIN 122.90

02462952 Black Warrior River at Holt Lock and Dam near Holt, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	124.40	123.20	123.70	131.10	129.00	126.60	126.20	123.50	126.00	123.20	123.20	123.60
2	123.50	123.10	123.60	128.50	128.30	126.10	129.10	123.50	126.20	123.20	123.20	123.70
3	123.60	123.20	123.40	128.30	127.00	126.40	128.30	123.30	126.80	123.30	123.40	123.60
4	123.40	123.20	123.70	127.60	126.80	123.80	127.50	123.50	125.90	123.40	123.10	123.70
5	123.30	123.30	123.70	127.80	129.90	125.80	129.50	123.40	123.90	122.10	123.60	123.50
6	123.30	123.30	123.50	126.60	126.10	125.80	127.00	123.20	124.20	121.40	123.20	123.20
7	124.30	123.20	123.60	131.50	129.10	125.80	126.60	123.40	126.30	121.50	123.30	123.60
8	124.00	123.10	123.50	132.40	131.00	125.80	126.20	123.40	127.90	121.80	123.50	126.50
9	124.10	123.50	124.10	129.20	130.60	125.80	126.20	123.20	126.60	121.60	123.50	127.20
10	124.30	123.50	123.60	132.60	129.10	123.70	126.10	123.30	123.60	121.50	123.30	126.80
11	124.20	123.40	123.70	130.60	128.00	125.60	125.90	123.50	124.60	121.60	123.30	124.60
12	124.10	123.60	123.50	132.40	126.80	125.80	125.80	124.00	123.80	121.70	123.10	124.30
13	123.90	123.30	123.30	129.50	127.20	124.70	139.80	127.00	123.60	121.00	123.60	123.80
14	124.20	123.20	123.20	129.70	125.90	124.10	134.80	124.60	123.60	121.80	124.00	123.70
15	124.00	123.30	123.20	128.20	128.60	123.60	132.00	125.20	123.40	121.50	123.30	123.70
16	124.20	123.40	123.40	128.10	130.40	123.40	129.60	124.50	124.40	121.60	124.00	123.50
17	124.20	123.20	123.30	127.90	132.00	123.50	129.90	124.30	123.30	121.70	123.40	124.10
18	124.40	123.30	123.60	127.10	130.40	123.40	126.60	123.80	123.20	121.60	123.70	123.50
19	124.10	123.20	123.40	126.40	129.20	123.70	126.70	123.50	123.30	123.40	123.30	123.40
20	123.30	123.30	123.30	124.30	128.60	125.20	126.10	123.60	123.20	123.30	123.30	123.70
21	123.20	123.60	123.90	126.90	128.00	127.00	125.10	123.60	123.40	123.10	123.20	123.40
22	123.20	123.50	123.50	128.10	130.40	126.20	125.40	123.90	123.60	123.50	123.50	123.30
23	123.30	125.30	123.60	127.20	132.10	124.80	126.20	123.70	123.40	123.30	123.30	123.40
24	123.20	123.50	123.50	129.70	129.70	124.30	124.00	125.10	123.40	123.30	123.30	123.30
25	123.20	123.90	123.50	130.10	128.40	124.30	124.20	124.00	123.40	123.30	123.20	123.30
26	123.20	123.40	138.80	130.20	127.90	123.70	124.10	123.60	123.20	123.20	123.20	123.30
27	123.10	123.40	144.00	130.50	127.90	123.90	123.70	130.80	123.30	123.30	123.30	123.30
28	123.50	126.30	136.80	130.30	127.10	123.60	123.50	129.70	123.70	123.30	123.40	123.30
29	123.20	124.90	128.70	133.00	------	124.70	123.40	126.80	123.70	123.30	123.30	123.30
30	123.20	124.00	127.00	131.70	------	128.00	123.70	126.20	123.40	123.40	123.50	123.20
31	123.10	------	128.00	130.20	------	126.40	------	124.20	------	123.40	123.30	------
MAX	124.40	126.30	144.00	133.00	132.10	128.00	139.80	130.80	127.90	123.50	124.00	127.20
MIN	123.10	123.10	123.20	124.30	125.90	123.40	123.40	123.20	123.20	121.00	123.10	123.20

CAL YR 1973 MAX 144.00 MIN 122.90
WTR YR 1974 MAX 144.00 MIN 121.00

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	123.50	123.50	123.60	129.20	126.10	124.40	137.40	127.10	126.60	123.50	123.40	123.50
2	123.20	123.60	123.40	128.10	129.00	123.50	132.60	127.40	126.40	123.70	123.60	123.40
3	123.40	123.70	123.40	126.80	129.50	125.90	129.40	126.30	124.30	123.50	123.90	123.30
4	123.40	123.80	123.30	125.80	128.70	124.20	128.80	126.00	124.10	123.60	123.70	123.30
5	123.50	123.30	123.40	128.30	126.30	126.70	128.70	126.10	124.00	124.80	123.50	123.70
6	123.30	123.40	123.50	133.90	127.20	127.90	128.80	126.00	123.70	123.70	123.30	123.30
7	123.30	123.40	123.50	132.80	126.30	126.60	127.70	125.80	124.60	125.30	123.50	123.50
8	123.30	123.70	123.80	136.00	126.50	126.20	129.60	126.90	126.60	123.80	123.40	123.30
9	123.10	123.30	123.50	133.90	126.30	125.90	129.60	130.40	127.90	123.70	123.50	123.20
10	123.20	123.40	123.60	131.30	127.00	125.90	128.60	128.20	124.20	123.50	123.40	123.40
11	123.20	123.60	126.10	128.50	126.90	124.00	127.40	126.70	124.20	123.20	123.40	123.30
12	123.30	123.50	126.00	127.30	126.00	128.00	127.50	126.20	123.90	124.00	123.40	123.10
13	123.40	123.40	125.30	127.10	126.00	129.70	126.30	126.00	130.70	123.90	123.30	123.00
14	123.30	123.70	123.80	126.40	128.00	129.90	126.40	124.40	126.50	123.70	125.90	123.20
15	123.40	123.40	127.60	126.10	131.20	127.60	125.70	123.60	125.60	127.10	123.50	123.10
16	123.30	123.40	130.40	126.00	129.40	127.60	125.80	123.90	126.20	126.40	123.70	123.00
17	123.00	123.50	129.10	126.00	128.70	137.40	126.10	124.30	124.00	128.20	123.60	122.90
18	123.40	123.30	126.90	126.10	127.70	134.90	125.70	124.40	124.00	128.00	123.80	123.00
19	123.60	123.40	126.10	127.90	126.90	132.40	126.20	123.80	124.30	126.70	123.40	123.10
20	123.40	123.40	124.00	126.90	127.90	130.00	126.00	123.30	128.70	126.20	123.60	123.30
21	123.20	123.80	126.10	127.10	127.00	129.20	124.70	126.20	124.40	126.10	123.40	123.20
22	123.20	123.40	126.20	133.70	126.30	128.10	123.70	126.20	126.60	124.20	123.30	123.10
23	123.30	123.40	126.20	132.00	126.20	126.20	123.50	124.80	126.30	124.60	123.40	123.20
24	123.30	123.50	126.60	129.60	126.40	126.80	124.00	124.30	124.30	124.60	123.60	123.00
25	123.40	123.50	125.90	128.80	123.70	131.90	133.50	124.60	123.80	123.80	123.30	123.10
26	124.40	123.50	123.80	126.80	124.50	130.90	133.80	124.10	123.90	123.60	123.50	123.10
27	123.20	123.40	123.70	128.60	123.50	129.40	133.70	123.60	123.80	123.60	123.40	123.20
28	123.80	123.50	123.70	129.10	123.40	127.70	131.60	129.70	124.80	123.40	123.50	123.50
29	123.40	123.40	123.50	126.20	------	128.60	129.50	130.40	123.50	123.50	123.40	123.20
30	123.40	123.60	123.70	127.20	------	127.80	128.30	130.40	123.40	123.30	123.40	123.90
31	123.40	------	129.60	126.20	------	139.00	------	126.90	------	123.40	123.70	------
MAX	124.40	123.80	130.40	136.00	131.20	139.00	137.40	130.40	130.70	128.20	125.90	123.90
MIN	123.00	123.30	123.30	125.80	123.40	123.50	123.50	123.30	123.40	123.20	123.30	122.90

CAL YR 1972 MAX 138.10 MIN 123.00
WTR YR 1973 MAX 139.00 MIN 122.90

02462952 Black Warrior River at Holt Lock and Dam near Holt, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	123.40	123.30	123.60	123.50	126.10	124.10	126.10	124.10	123.40	123.40	123.70	123.30
2	123.50	123.30	123.30	125.30	125.80	124.80	124.30	123.60	123.50	123.40	123.50	123.40
3	123.30	123.40	123.70	129.00	125.90	128.70	123.40	123.70	123.30	123.30	123.70	123.30
4	123.40	123.30	123.70	131.00	126.10	127.70	123.70	123.60	123.40	123.60	123.40	123.30
5	123.40	123.30	123.70	135.80	126.00	126.30	126.00	123.80	123.30	123.30	123.30	123.10
6	123.30	123.20	124.40	133.60	126.70	126.10	123.50	123.80	123.50	123.50	123.60	123.30
7	123.50	122.90	132.50	130.90	126.10	125.90	124.40	123.70	123.60	123.30	123.50	123.40
8	123.30	123.20	130.80	127.20	127.10	126.10	123.70	123.50	123.60	123.50	123.50	123.40
9	123.40	123.40	126.60	126.80	126.50	127.90	123.60	123.70	123.20	123.30	123.60	123.30
10	123.00	123.40	126.30	128.40	126.10	126.90	123.50	123.70	123.40	123.40	124.70	123.30
11	123.20	123.50	124.20	138.10	126.80	126.70	123.50	123.60	123.40	123.30	123.20	123.30
12	123.30	123.30	124.00	132.80	125.90	126.10	124.20	123.50	123.40	123.30	123.50	123.40
13	123.50	123.30	124.70	131.40	126.00	126.20	124.70	124.20	123.80	123.40	123.40	123.20
14	123.30	123.30	126.10	128.40	125.30	125.50	123.90	126.60	123.20	123.30	123.40	123.30
15	123.20	123.20	125.90	129.40	125.80	125.30	123.60	126.60	123.10	123.30	123.50	123.50
16	123.20	123.40	124.50	126.20	125.80	126.10	123.60	126.10	123.40	123.40	123.30	123.70
17	123.10	123.30	128.10	126.10	125.90	123.10	123.70	123.90	123.50	123.30	123.40	123.30
18	123.40	123.10	129.50	126.00	125.90	123.40	123.70	123.40	123.60	123.40	123.30	123.40
19	123.30	123.40	127.30	125.90	125.80	123.30	123.70	124.90	123.30	123.40	123.30	123.30
20	123.40	123.50	126.50	125.90	124.30	123.40	124.40	123.40	123.10	123.30	123.50	123.40
21	123.30	123.30	126.40	125.90	124.60	123.80	124.00	123.60	123.30	123.40	123.50	123.30
22	123.20	123.40	126.60	125.80	123.60	123.90	124.40	123.40	123.30	123.20	123.30	123.40
23	123.30	123.60	125.50	124.20	124.30	123.70	123.90	123.50	123.50	123.50	123.30	123.10
24	123.30	123.90	124.20	124.40	123.80	123.60	125.60	123.60	123.30	123.20	123.20	123.30
25	123.40	123.30	124.20	125.80	123.70	123.60	124.30	123.40	123.50	123.40	123.30	123.20
26	123.30	123.20	123.70	125.90	123.70	123.70	123.80	123.40	123.50	123.30	123.70	123.30
27	123.20	123.50	123.60	124.60	123.50	123.60	123.90	123.80	123.40	123.50	123.20	123.20
28	123.20	123.50	123.60	125.20	123.60	123.60	123.70	123.40	123.40	123.40	123.30	123.30
29	123.20	123.30	123.60	123.70	123.30	123.70	123.60	123.40	123.30	123.40	123.30	123.40
30	123.30	123.80	123.70	124.20	------	123.70	123.80	123.50	123.40	123.10	123.20	123.40
31	123.30	------	123.50	126.20	------	125.90	------	123.40	------	124.10	123.30	------
MAX	123.50	123.90	132.50	138.10	127.10	128.70	126.10	126.60	123.80	124.10	124.70	123.70
MIN	123.00	122.90	123.30	123.50	123.30	123.10	123.40	123.40	123.10	123.10	123.20	123.10

WTR YR 1972 MAX 138.10 MIN 122.90

02464000 North River near Samantha, Ala.

LOCATION.--Lat 33°28'45", long 87°35'50", in SW¼ sec. 16, T. 18 S., R. 10 W., Tuscaloosa County, about 200 ft (61 m) downstream from bridge on county road, 1.2 mi (1.9 km) upstream from Cripple Creek, 4 mi (6 km) north of Samantha, and at mile 36.9 (59.4 km).

DRAINAGE AREA.--219 mi^2 (567 km^2).

PERIOD OF RECORD.--December 1938 to September 1954, October 1968 to current year.

GAGE.--Water-stage recorder. Datum of gage is 232.39 ft (70.832 m) above mean sea level. Prior to Jan. 25, 1939, nonrecording gage 40 ft (12 m) downstream at same datum.

AVERAGE DISCHARGE.--22 years (1939-54, 1968-75), 373 ft^3/s (10.56 m^3/s), 23.13 in/yr (588 mm/yr).

EXTREMES.--Current year: Maximum discharge, 8,980 ft^3/s (254 m^3/s) Jan. 11 (gage height, 18.29 ft or 5.575 m); minimum, 23 ft^3/s (0.65 m^3/s) Sept. 15, 16 (gage height, 1.78 ft or 0.543 m).
Period of record: Maximum discharge, 25,500 ft^3/s (722 m^3/s) Mar. 20, 1970 (gage height, 35.08 ft or 10.692 m); minimum, 0.1 ft^3/s (0.003 m^3/s) Sept. 5-8, 13-15, 1954.
Floods of July 1916 and February 1936 reached a stage of about 31 ft (9.5 m), from information by local residents.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 1304; 1939(M); Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53	29	105	1,120	380	483	652	156	85	113	3,040	45
2	47	29	109	698	449	444	520	121	78	65	2,530	41
3	40	29	98	570	1,470	398	491	115	66	59	1,150	38
4	38	29	89	576	2,540	370	372	155	58	51	744	36
5	36	51	83	463	2,150	344	311	124	52	46	690	34
6	36	60	79	403	1,590	320	273	127	118	50	619	37
7	36	44	131	348	997	312	245	267	127	225	462	38
8	35	36	421	523	729	290	225	425	110	724	337	38
9	33	32	298	860	616	259	297	330	84	225	271	35
10	32	31	217	3,530	515	281	468	727	95	136	241	32
11	30	39	182	8,350	451	306	335	417	242	128	250	37
12	30	64	170	4,810	658	289	273	274	361	142	195	31
13	29	53	146	2,450	522	2,120	237	203	147	118	150	28
14	29	41	126	1,430	435	6,880	761	164	97	89	123	25
15	32	39	119	966	387	3,030	1,400	2,280	262	76	109	23
16	150	37	121	732	2,790	1,240	762	2,990	199	66	153	23
17	118	40	109	599	2,950	854	558	1,180	118	58	210	26
18	74	53	98	517	3,230	1,700	428	690	88	137	218	32
19	58	56	98	531	5,080	3,430	346	468	72	114	178	35
20	49	238	105	717	1,970	1,660	283	342	77	87	192	33
21	45	254	98	597	1,130	954	233	266	254	98	145	29
22	42	161	91	521	821	680	200	210	399	126	114	33
23	39	123	92	458	1,420	541	180	172	181	87	98	235
24	37	103	3,020	439	2,260	1,260	172	148	114	71	91	717
25	35	100	3,540	2,910	1,210	986	164	126	85	154	87	262
26	34	100	1,990	1,680	811	637	159	111	73	1,320	73	157
27	33	89	959	962	662	516	144	98	68	901	63	118
28	32	81	1,000	706	562	426	129	89	63	582	60	95
29	31	76	1,410	571	------	405	127	83	62	322	54	78
30	30	77	3,090	487	------	1,200	151	98	68	225	50	68
31	30	------	1,960	429	------	1,000	------	94	------	655	47	------
TOTAL	1,373	2,194	20,154	39,953	38,785	33,615	10,896	13,050	3,903	7,250	12,744	2,459
MEAN	44.3	73.1	650	1,289	1,385	1,084	363	421	130	234	411	82.0
MAX	150	254	3,540	8,350	5,080	6,880	1,400	2,990	399	1,320	3,040	717
MIN	29	29	79	348	380	259	127	83	52	46	47	23
CFSM	.20	.33	2.97	5.89	6.32	4.95	1.66	1.92	.59	1.07	1.88	.37
IN.	.23	.37	3.42	6.79	6.59	5.71	1.85	2.22	.66	1.23	2.16	.42

CAL YR 1974 TOTAL 209,379 MEAN 574 MAX 7,810 MIN 19 CFSM 2.62 IN 35.57
WTR YR 1975 TOTAL 186,376 MEAN 511 MAX 8,350 MIN 23 CFSM 2.33 IN 31.66

PEAK DISCHARGE (BASE, 5,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-11	0600	18.29	8,980	3-14	0500	15.97	7,470
2-18	2400	13.07	5,820				

02465000 Black Warrior River at Northport, Ala.
(formerly published as Black Warrior River at Tuscaloosa)

LOCATION (revised).--Lat 33°12'51", long 87°34'50", in NE¼ sec. 21, T. 21 S., R. 10 W., Tuscaloosa County attached to loading dock at Alabama State Dock Facility, at Northport 0.2 mi (0.3 km) downstream from Gulf, Mobile & Ohio Railroad bridge, 0.35 mi (0.56 km) upstream from Oliver lock and dam, 0.9 mi (1.4 km) downstream from Two Mile Creek, 5.2 mi (8.4 km) downstream from North River, and at mile 126.6 (203.7 km).

DRAINAGE AREA.--4,828 mi^2 (12,504 km^2).

PERIOD OF RECORD.--January 1889 to September 1894 (gage heights only), October 1894 to December 1902, January 1903 to December 1905 (gage heights and discharge measurements only), August 1928 to current year. Monthly discharge only for period October to December 1894, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 83.35 ft (25.405 m) above mean sea level. See WSP 2106 for history of changes prior to Mar. 19, 1951. Mar. 20, 1951 to Feb. 13, 1974, water-stage recorder 0.35 mi (0.56 km) upstream on pier of former bridge at present datum. Feb. 14, 1974 to August 7, 1974 nonrecording gage at site 0.35 mi (0.56 km) downstream at datum 1.08 ft (0.329 m) lower. Subsequent to Apr. 19, 1944, auxiliary water-stage recorder, and Aug. 29, 1939, to Apr. 18, 1944, auxiliary nonrecording gage, 500 ft (152 m) downstream from Oliver lock and dam at datum 1.08 ft (0.329 m) lower.

AVERAGE DISCHARGE.--55 years (1894-1902, 1928-75), 7.822 ft^3/s (221.5 m^3/s), 22.00 in/yr (559 mm/yr).

EXTREMES.--Current year: Maximum discharge, 95,800 ft^3/s (2,710 m^3/s) Mar. 14; maximum gage height 53.03 ft or 16.164 m Mar. 14; minimum daily discharge, 400 ft^3/s (11.3 m^3/s) Nov. 19.
Period of record: Maximum discharge, 224,000 ft^3/s (6,340 m^3/s) Feb. 21, 1961; maximum gage height, 67.7 ft (20.63 m) Apr. 18, 1900; minimum daily discharge, 37 ft^3/s (1.05 m^3/s) Oct. 23, 1953.

REMARKS.--Records good above 6,000 ft^3/s (170 m^3/s) and poor below. Some regulation by Lewis Smith Reservoir on Sipsey Fork (see p. 174, 175), by Bankhead lock and dam on Black Warrior River (usable capacity, 112,000 acre-ft or 138 hm^3), Holt lock and dam on Black Warrior River (usable capacity, 115,000 acre-ft or 142 hm^3), and occasionally during periods of low flow by Oliver lock and dam downstream from gage. Diversion through lock valves included in figures of discharge.

REVISIONS (WATER YEARS).--WSP 1002: 1940-43. WSP 1384: Drainage area. WSP 1624: 1900.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,220	647	3,010	22,600	12,900	14,500	31,000	3,370	1,020	4,340	11,700	2,270
2	2,840	703	5,080	14,400	11,500	14,100	20,800	3,120	3,670	4,360	10,700	2,080
3	2,330	629	2,640	15,500	18,800	12,300	19,400	1,910	3,590	4,960	10,400	4,250
4	2,910	519	4,410	14,800	42,800	12,100	19,900	1,870	3,770	1,650	5,290	3,660
5	927	891	3,300	12,100	43,000	10,500	14,800	4,810	4,560	4,540	7,380	3,360
6	576	1,040	3,110	10,300	34,500	10,700	12,900	3,640	2,760	1,900	8,710	1,960
7	1,480	861	3,850	11,900	22,700	10,300	12,400	8,020	1,770	7,070	8,840	499
8	2,120	666	2,780	14,300	18,600	10,800	12,100	14,200	1,130	25,500	7,530	2,930
9	1,120	963	5,050	20,000	13,200	3,750	13,200	12,700	4,750	12,600	6,560	3,050
10	1,410	738	4,920	24,700	13,600	7,440	16,000	9,980	4,340	8,960	3,830	2,400
11	1,140	2,490	2,580	52,000	13,000	8,380	17,000	10,300	4,430	6,680	9,540	2,990
12	714	2,050	2,140	48,500	14,500	10,200	14,000	7,050	7,170	5,880	11,700	1,920
13	563	1,600	2,070	42,000	15,300	39,400	13,600	6,740	4,520	4,560	7,030	2,120
14	732	2,030	2,240	31,400	13,400	88,500	17,900	3,310	5,140	3,930	7,430	521
15	1,020	749	2,160	18,700	11,700	66,200	24,900	6,800	2,220	3,800	5,290	2,960
16	1,610	863	4,390	17,800	28,300	49,000	18,200	16,700	4,970	3,060	4,260	2,220
17	1,460	866	5,680	15,400	41,100	35,400	15,100	20,200	4,740	3,210	6,310	2,020
18	1,200	882	3,850	12,600	43,900	36,900	13,900	13,100	4,740	3,030	4,830	2,110
19	949	400	3,420	13,200	54,900	50,400	12,200	8,940	3,640	4,270	5,100	2,750
20	651	4,220	3,040	12,100	48,500	39,800	4,430	8,500	2,790	3,380	4,320	2,690
21	1,480	5,340	1,210	12,100	31,900	32,500	8,190	7,010	6,060	8,290	4,310	460
22	504	3,440	1,080	13,100	29,100	25,600	8,110	5,280	2,600	5,910	4,360	4,260
23	875	1,050	1,980	12,300	25,100	23,400	4,370	3,960	3,610	5,780	2,700	8,440
24	1,090	1,020	29,200	12,100	29,200	32,500	5,680	5,420	3,310	4,820	2,070	6,780
25	827	2,810	33,200	57,900	21,800	33,000	4,920	1,910	3,350	5,170	3,210	10,300
26	1,140	3,660	29,200	45,800	20,400	24,800	5,010	3,280	3,740	7,460	3,690	10,400
27	559	2,910	17,000	31,400	18,400	24,100	5,020	4,300	3,510	6,900	3,430	3,540
28	829	707	14,800	18,900	15,400	16,800	6,610	4,060	2,570	6,050	3,220	497
29	935	893	16,500	14,700	------	16,400	2,850	4,450	1,260	4,900	3,030	3,280
30	600	992	33,200	15,200	------	40,000	3,780	4,800	4,980	4,210	3,670	3,730
31	888	------	32,500	13,700	------	39,700	------	4,230	------	6,620	575	------
TOTAL	37,699	46,629	279,590	671,500	707,500	839,470	378,270	213,960	110,710	183,790	181,015	100,447
MEAN	1,216	1,554	9,019	21,660	25,270	27,080	12,610	6,902	3,690	5,929	5,839	3,348
MAX	2,910	5,340	33,200	57,900	54,900	88,500	31,000	20,200	7,170	25,500	11,700	10,400
MIN	504	400	1,080	10,300	11,500	3,750	2,850	1,870	1,020	1,650	575	460
CFSM	.25	.32	1.87	4.49	5.23	5.61	2.61	1.43	.76	1.23	1.21	.69
IN.	.29	.36	2.15	5.17	5.45	6.47	2.91	1.65	.85	1.42	1.39	.77

CAL YR 1974 TOTAL 3,593,599 MEAN 9,845 MAX 98,800 MIN 400 CFSM 2.04 IN 27.69
WTR YR 1975 TOTAL 3,750,580 MEAN 10,280 MAX 88,500 MIN 400 CFSM 2.13 IN 28.90

02465005 Black Warrior River at Oliver Lock and Dam at Tuscaloosa, Ala.

LOCATION.--Lat 33°12'33", long 87°35'18", in NW¼ sec. 21, T. 21 S., R. 10 W., Tuscaloosa County, on downstream side of lock at Tuscaloosa, 0.7 mi (1.1 km) upstream from Mill Creek, 0.7 mi (1.1 km) downstream from Gulf Mobile and Ohio Railroad bridge and at mile 126.1 (202.9 km).

DRAINAGE AREA.--4,830 mi^2 (12,510 km^2).

PERIOD OF RECORD.--August 1939 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. August 1939 to September 1971 in files of Corps of Engineers.

GAGE.--Nonrecording gage. Datum at gage is 82.3 ft (25.09 m) above mean sea level (levels by Corps of Engineers).

EXTREMES.--Maximum and minimum gage heights (at 0700) for water years 1972-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1972	Jan. 11, 1972	50.4	15.36	Oct. 13, 15, 1971	12.8	3.90
1973	Apr. 11, 1973	51.0	15.54	Oct. 12, 1972	12.9	3.93
1974	Dec. 27, 1973	57.2	17.43	Nov. 4, 6, 8, 1973	13.0	3.96
1975	Mar. 19, 1975	51.8	15.79	Sept. 1, 1975	13.0	3.96

Period of record: Maximum, 66.7 ft (20.33 m) Feb. 22, 1961; minimum, 10.0 ft (3.05 m) many days October and November 1953, September 1954 and 1955.

REMARKS.--Records good.

COOPERATION.--Records furnished by Corps of Engineers.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.20	13.50	13.80	30.20	23.80	23.00	36.00	15.50	14.80	14.80	20.60	13.00
2	14.00	13.40	14.00	26.00	23.70	23.20	32.90	14.50	13.40	14.90	18.70	13.50
3	14.40	13.80	14.80	23.30	20.90	22.80	28.80	14.30	14.50	15.10	22.60	13.90
4	14.00	13.50	13.70	23.10	36.20	21.20	27.00	14.00	14.70	14.80	17.20	14.50
5	14.20	13.80	14.80	22.20	42.10	21.10	25.30	14.20	14.50	13.40	15.60	14.20
6	13.30	13.60	14.60	21.00	39.50	20.80	23.70	15.30	15.30	14.80	17.30	14.30
7	13.20	13.60	14.20	20.60	33.30	20.60	22.10	14.80	14.00	13.60	18.70	14.00
8	13.60	14.00	14.70	21.60	28.70	20.60	21.60	20.60	13.80	28.00	18.80	13.40
9	13.80	13.60	14.50	25.10	24.60	18.40	21.30	21.90	13.70	24.10	16.60	14.00
10	13.50	13.80	14.90	25.00	23.00	15.30	23.50	19.00	15.70	19.90	16.00	14.20
11	13.50	13.90	15.00	41.00	22.10	17.30	25.80	19.80	15.00	16.60	16.00	13.80
12	13.50	14.30	13.80	41.10	24.40	19.00	23.60	17.70	15.60	16.30	19.80	14.10
13	13.40	13.90	13.60	42.00	24.60	20.00	23.60	16.40	16.80	15.70	18.10	13.80
14	13.30	14.00	13.80	37.70	23.20	51.80	23.00	16.10	15.00	14.80	16.00	13.80
15	13.40	13.90	14.10	32.90	21.70	50.30	33.60	14.70	16.50	14.30	15.50	13.80
16	13.60	13.70	13.80	28.80	22.70	47.80	28.00	22.00	13.80	14.20	15.00	14.10
17	13.70	13.50	14.90	25.90	36.40	42.50	25.20	27.20	15.10	14.30	13.90	13.50
18	13.60	13.50	15.20	23.00	39.10	38.10	24.40	24.10	15.00	14.40	15.20	13.60
19	14.00	13.70	14.10	22.10	43.90	44.80	22.60	19.00	15.00	14.40	14.80	13.90
20	13.70	13.90	14.00	21.80	45.10	42.00	19.90	18.30	14.40	14.30	15.20	14.20
21	13.50	15.00	13.90	21.50	39.80	38.40	15.50	16.50	14.20	14.70	15.00	13.70
22	13.70	15.10	13.70	22.00	35.20	34.00	18.20	16.20	16.00	16.20	14.70	13.20
23	13.60	14.20	13.90	21.70	30.10	32.00	16.60	15.50	13.80	15.50	14.50	15.50
24	13.50	13.60	18.70	21.20	33.30	30.00	15.10	15.60	13.90	15.70	13.80	17.10
25	13.60	13.50	34.40	35.80	31.60	36.20	16.20	15.60	13.70	14.70	13.70	18.50
26	13.60	13.90	35.10	44.20	28.20	33.30	15.70	13.60	13.80	15.20	14.20	19.80
27	13.70	14.60	28.40	40.20	25.10	30.40	17.80	14.90	14.30	16.70	14.30	16.50
28	13.70	13.90	24.60	32.80	24.90	27.90	15.10	14.80	14.30	16.00	14.20	14.20
29	13.60	13.40	23.60	26.80	------	24.70	15.90	16.00	13.90	15.30	14.00	13.20
30	13.60	13.70	30.60	26.30	------	33.70	14.60	15.20	13.60	14.70	14.00	14.30
31	13.50	------	34.20	24.20	------	40.40	------	15.10	------	14.80	14.20	------
MAX	14.40	15.10	35.10	44.20	45.10	51.80	36.00	27.20	16.80	28.00	22.60	19.80
MIN	13.20	13.40	13.60	20.60	20.90	15.30	14.60	13.60	13.40	13.40	13.70	13.00

CAL YR 1974 MAX 50.30 MIN 13.10
WTR YR 1975 MAX 51.80 MIN 13.10

02465005 Black Warrior River at Oliver Lock and Dam at Tuscaloosa, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.30	13.10	15.80	38.80	32.00	23.20	23.40	15.80	20.60	13.10	14.00	15.90
2	16.80	13.20	15.00	33.60	30.70	22.60	25.10	15.70	21.40	14.00	14.00	15.00
3	16.90	13.30	14.00	31.20	27.40	22.50	30.90	13.70	17.10	14.20	13.90	15.80
4	14.00	13.00	15.00	28.30	26.60	18.10	27.20	15.00	20.40	15.00	13.80	15.10
5	13.50	13.20	15.00	28.00	25.60	20.40	26.70	13.50	17.40	13.40	13.60	15.10
6	13.80	13.00	14.20	25.20	23.70	20.60	31.60	13.40	18.50	13.80	14.00	15.60
7	14.00	13.20	15.80	34.80	29.20	20.40	26.80	14.30	21.30	14.40	14.20	14.60
8	13.30	13.00	14.30	38.20	37.70	20.20	23.20	14.30	23.60	13.60	15.00	20.00
9	13.20	13.40	15.50	34.20	35.40	20.20	22.30	14.50	23.00	14.30	15.00	27.80
10	14.00	14.20	13.10	36.40	31.40	17.90	21.80	15.70	18.20	14.10	14.30	26.20
11	13.80	14.00	14.60	36.70	28.80	19.70	20.70	15.00	17.30	14.60	14.20	22.20
12	14.00	13.70	15.20	41.80	24.90	20.10	20.40	16.60	17.90	15.00	13.80	18.80
13	13.60	13.70	14.40	38.50	24.20	19.80	50.30	21.70	16.80	15.00	15.20	16.50
14	13.40	13.60	13.90	33.70	21.80	16.70	49.40	20.20	15.90	14.00	14.60	15.60
15	13.30	13.60	13.70	31.00	27.50	16.40	44.70	18.30	14.50	13.60	14.80	15.90
16	13.60	13.50	13.40	29.90	35.00	15.30	38.80	19.10	17.80	14.00	16.30	13.80
17	13.50	13.60	13.80	26.90	40.50	14.50	34.50	18.80	13.60	14.00	14.40	15.20
18	13.90	13.60	15.50	26.30	37.90	13.80	29.70	18.00	13.60	14.00	14.50	14.60
19	13.60	13.60	14.70	24.20	33.60	15.60	27.20	15.50	14.20	15.00	13.80	14.50
20	14.10	13.70	13.90	21.00	32.00	17.30	23.00	13.60	14.50	14.00	13.90	14.50
21	13.50	14.10	15.60	24.20	30.90	22.20	21.70	16.60	15.00	13.80	14.10	14.50
22	13.40	14.90	14.60	27.30	30.20	21.20	18.80	16.20	14.20	13.60	14.00	14.20
23	13.50	14.60	14.90	25.70	39.40	20.00	21.80	16.30	13.90	14.10	14.20	13.50
24	13.50	14.00	14.30	31.10	37.80	18.00	19.60	17.30	13.60	14.10	14.10	13.40
25	13.40	14.10	14.70	33.00	31.20	14.50	16.00	18.10	15.00	13.80	13.50	14.10
26	13.60	13.80	42.30	34.00	28.00	17.00	16.30	16.70	14.20	14.30	13.30	13.70
27	13.30	14.50	57.20	34.00	26.50	17.00	16.30	35.60	13.90	13.60	13.70	14.20
28	13.30	19.40	51.20	34.60	24.00	15.50	14.00	35.30	14.30	14.40	14.10	14.10
29	13.30	21.90	45.20	41.00	------	17.30	14.60	30.60	14.10	14.00	14.00	13.60
30	13.10	18.00	37.00	39.20	------	30.10	16.80	25.40	13.30	14.60	14.30	13.50
31	13.20	------	32.60	33.80	------	26.00	------	20.70	------	14.00	15.50	------
MAX	19.30	21.90	57.20	41.80	40.50	30.10	50.30	35.60	23.60	15.00	16.30	27.80
MIN	13.10	13.00	13.10	21.00	21.80	13.80	14.00	13.40	13.30	13.10	13.30	13.40

CAL YR 1973 MAX 57.20 MIN 13.00
WTR YR 1974 MAX 57.20 MIN 13.00

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.60	13.60	14.70	34.60	21.40	18.90	51.00	28.50	24.50	13.90	15.40	15.30
2	13.80	13.70	15.00	30.60	31.90	15.40	48.30	25.20	22.50	18.80	15.30	13.50
3	13.50	13.80	14.70	26.90	34.70	18.70	39.80	23.10	18.70	14.90	16.60	13.50
4	13.60	13.90	14.20	24.00	31.80	18.70	36.20	22.00	15.90	15.90	15.30	13.60
5	14.40	13.70	14.20	31.10	24.40	21.70	32.10	22.10	16.20	17.20	14.80	16.10
6	14.20	13.80	14.00	37.10	25.10	26.00	29.50	20.90	15.20	16.00	13.90	15.30
7	13.40	13.70	14.90	41.40	22.20	23.80	27.80	20.30	16.40	18.40	15.20	14.60
8	13.50	13.80	15.20	46.60	21.70	22.10	34.70	23.20	21.50	17.70	15.60	13.50
9	13.00	13.70	15.30	46.20	21.80	21.00	34.30	37.10	26.70	14.30	15.30	13.80
10	13.00	14.80	15.00	42.20	24.00	20.80	31.90	29.70	20.10	16.00	15.00	13.20
11	13.20	14.00	18.00	36.20	24.30	18.70	28.60	25.20	16.60	16.30	14.40	14.00
12	12.90	13.50	20.40	30.60	21.60	26.80	27.10	23.80	16.50	17.20	14.20	14.20
13	13.20	13.50	19.60	26.70	20.80	30.80	23.50	21.20	29.60	16.80	13.20	14.60
14	13.30	15.00	16.60	23.90	22.30	28.90	23.10	20.80	23.70	16.30	18.80	13.90
15	13.40	13.90	21.00	21.80	37.70	25.00	21.00	18.60	20.90	26.00	16.00	13.70
16	13.50	13.90	35.60	21.10	35.40	34.20	20.50	16.00	20.60	23.00	15.70	13.20
17	13.50	14.30	32.90	19.70	31.50	48.00	21.30	16.40	18.00	23.80	15.00	13.00
18	13.60	13.60	26.20	21.00	27.40	47.00	20.40	14.00	16.60	29.00	14.70	13.70
19	13.90	13.60	22.60	23.60	25.60	44.50	21.90	14.40	16.50	26.00	13.60	13.40
20	13.80	13.40	18.40	27.00	24.00	38.90	21.40	15.60	24.70	22.50	13.80	13.80
21	13.70	15.00	20.30	24.20	23.80	34.30	18.70	19.20	19.20	21.40	14.50	14.00
22	13.70	14.00	22.60	39.10	22.20	30.00	16.90	22.50	22.30	17.80	14.00	14.00
23	13.60	14.20	23.00	41.10	21.20	27.00	14.50	18.20	21.60	18.40	14.30	13.00
24	13.60	14.20	22.80	36.00	22.30	25.30	17.00	16.50	18.50	16.80	14.60	13.00
25	13.70	13.80	21.00	31.30	17.90	34.40	33.40	16.90	16.00	14.40	14.00	13.00
26	14.20	15.70	16.70	25.00	17.40	38.90	43.80	16.00	16.00	16.60	13.80	13.00
27	13.60	13.80	16.80	29.10	16.70	35.40	44.00	15.00	16.10	16.30	13.30	13.00
28	13.80	14.40	16.60	29.70	16.30	30.50	42.00	26.60	18.00	15.50	14.80	13.00
29	13.90	14.00	16.80	23.50	------	30.20	37.60	35.50	16.40	15.30	14.90	13.00
30	13.90	14.80	17.00	22.90	------	27.60	33.10	35.20	15.10	13.80	15.00	14.00
31	13.90	------	25.20	23.00	------	41.50		26.50	------	15.40	15.40	------
MAX	14.60	15.70	35.60	46.60	37.70	48.00	51.00	37.10	29.60	29.00	18.80	16.10
MIN	12.90	13.40	14.00	19.70	16.30	15.40	14.50	14.00	15.10	13.80	13.20	13.00

CAL YR 1972 MAX 50.40 MIN 12.90
WTR YR 1973 MAX 51.40 MIN 12.90

02465005 Black Warrior River at Oliver Lock and Dam at Tuscaloosa, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.10	13.80	13.50	15.90	21.90	14.80	20.30	14.00	14.00	14.10	14.40	13.80
2	15.00	14.00	13.90	15.00	21.30	16.20	18.00	14.80	15.00	14.70	13.90	13.50
3	13.70	13.90	17.10	29.60	20.90	25.60	15.10	14.00	14.30	13.70	14.70	13.50
4	13.20	14.10	16.20	31.40	21.30	27.30	16.50	13.70	13.80	14.00	13.90	13.40
5	14.00	13.90	15.30	47.60	21.30	45.80	19.80	13.80	13.60	13.70	14.30	13.30
6	14.70	13.80	15.70	46.20	19.90	22.00	17.40	14.00	13.70	14.20	13.90	14.60
7	14.60	13.40	36.50	41.40	21.10	20.70	17.00	14.00	14.50	13.70	13.90	13.70
8	13.20	13.40	38.20	32.60	23.70	20.90	16.40	13.80	13.80	14.00	13.80	15.00
9	13.30	13.40	30.20	28.40	23.40	27.20	16.40	13.80	13.20	14.30	13.90	13.40
10	13.20	14.10	25.00	28.20	22.00	25.80	15.30	14.00	13.00	13.50	13.80	13.20
11	13.40	14.90	20.60	50.40	20.90	23.80	16.10	13.40	13.00	13.30	13.50	13.20
12	13.20	14.60	18.20	46.20	20.60	21.90	16.80	13.70	12.90	13.40	13.50	13.00
13	12.80	13.90	19.00	41.10	20.90	21.20	15.50	15.00	13.00	13.60	13.60	13.00
14	13.00	14.00	20.00	34.90	20.30	19.90	13.50	21.00	12.90	13.80	14.00	13.80
15	12.80	13.60	20.80	31.90	20.60	19.10	14.20	21.20	13.80	13.70	13.50	15.00
16	13.00	14.20	19.00	26.30	20.60	20.30	16.20	20.40	13.50	14.00	13.60	14.80
17	13.00	13.80	25.50	23.30	20.70	20.10	13.60	16.50	13.30	13.60	13.80	14.00
18	13.50	13.60	30.80	21.80	20.80	18.40	14.90	15.90	14.00	14.00	13.80	13.50
19	13.50	13.60	27.00	21.20	20.80	17.40	13.70	15.60	13.40	15.20	14.60	14.90
20	13.60	13.60	23.60	20.50	19.70	16.20	15.40	15.10	13.30	13.90	14.70	15.00
21	13.60	13.40	24.60	20.70	17.60	16.60	16.30	13.70	13.40	14.70	13.40	14.70
22	13.60	13.40	23.60	20.80	17.20	16.40	16.90	13.50	13.60	14.10	13.40	13.40
23	13.80	13.90	22.00	20.40	17.90	16.70	16.30	14.40	13.60	14.00	13.30	13.30
24	13.90	14.10	18.80	17.80	17.40	16.30	18.00	13.60	13.50	13.70	13.00	13.00
25	14.00	14.10	17.80	20.00	16.90	16.50	17.00	13.60	13.40	14.30	13.40	12.90
26	13.80	13.60	16.20	20.10	16.30	16.00	16.80	14.00	13.60	13.60	13.80	13.20
27	13.90	13.10	15.00	17.60	16.00	14.30	15.70	13.70	14.60	14.90	13.60	12.90
28	14.00	12.90	16.30	18.60	16.60	16.30	15.00	13.70	14.60	14.50	13.20	13.40
29	13.90	12.90	15.90	17.40	15.70	16.50	13.60	13.60	14.70	13.70	13.20	14.60
30	13.90	13.40	16.70	18.60	------	16.00	13.70	13.50	13.60	13.70	13.20	14.60
31	13.70	------	15.90	21.20	------	19.50	------	13.90	------	16.30	13.90	------
MAX	15.10	14.90	38.20	50.40	23.70	45.80	20.30	21.20	15.00	16.30	14.70	15.00
MIN	12.80	12.90	13.50	15.00	15.70	14.30	13.50	13.40	12.90	13.30	13.00	12.90

WTR YR 1972 MAX 50.40 MIN 12.80

02466040 Black Warrior River at Warrior Lock near Sawyerville, Ala.

LOCATION.--Lat 32°46'10", long 87°49'40", in N½ sec. 30, T. 21 N., R. 3 E., Hale County, on downstream side of lock, 1.4 mi (2.2 km) upstream from Presley Ford Branch, 6 mi (9.7 km) west of Sawyerville, and at mile 43.8 (70.5 km).

DRAINAGE AREA.--5,820 mi^2 (15,074 km^2).

PERIOD OF RECORD.--October 1957 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. October 1957 to September 1971 in files of Corps of Engineers.

GAGE.--Nonrecording gage. Datum at gage is 59.76 ft (18.215 m) above mean sea level (levels by the Corps of Engineers).

EXTREMES.--Maximum and minimum gage heights (at 0700) for water years 1972-75 are contained ir the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1972	Jan. 13, 1972	37.1	11.31	Sept. 14, 1972	13.9	4.24
1973	Apr. 4, 1972	36.4	11.09	Many days	14.1	4.30
1974	Dec. 30, 1973	38.0	11.58	July 5, 6, 1974	13.8	4.21
1975	Mar. 18, 1975	36.9	11.25	Oct. 8, 1974	14.1	4.30

Period of record: Maximum , 50.1 ft (15.27 m) Feb. 25, 1961; minimum, 13.3 ft (4.05 m) Aug. 10, 1960.

REMARKS.--Records good.

COOPERATION.--Records furnished by Corps of Engineers.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.10	14.20	14.70	26.60	20.30	22.40	29.20	16.30	15.60	15.40	16.70	14.80
2	14.70	14.20	15.40	25.60	19.90	20.20	29.50	16.50	15.30	15.10	19.10	14.30
3	15.20	14.20	16.00	23.50	18.90	20.40	29.00	16.10	15.60	15.10	18.60	15.00
4	14.70	14.20	15.40	22.40	21.90	19.30	26.60	15.70	15.50	15.40	19.10	15.10
5	14.60	14.20	15.80	21.30	28.40	19.10	24.30	15.60	15.60	14.90	17.70	14.80
6	14.60	14.20	15.20	20.90	31.10	18.40	22.90	16.20	15.60	15.00	17.80	14.70
7	14.50	14.20	15.20	20.90	32.10	17.90	21.40	16.60	15.60	14.80	18.20	15.00
8	14.10	14.40	15.30	20.90	30.60	18.10	20.60	16.70	15.00	16.80	17.50	14.40
9	14.20	14.50	15.80	23.00	27.60	17.80	20.50	19.00	14.90	20.00	17.10	
10	14.30	14.40	16.30	24.60	23.50	16.50	22.70	19.20	15.80	19.10	17.00	
11	14.30	14.70	16.60	25.20	21.60	16.70	22.60	18.20	16.00	17.70	15.80	
12	14.30	15.10	16.10	29.80	21.10	17.20	23.00	18.50	16.00	16.50	17.20	
13	14.20	14.80	16.10	32.20	21.30	17.90	22.00	17.40	16.70	16.30	17.60	
14	14.20	14.50	15.40	33.30	20.80	25.10	21.30	16.70	16.40	15.80	17.00	
15	14.20	14.50	15.30	33.30	20.10	31.90	26.40	16.40	16.80	15.40	16.50	
16	14.20	14.70	15.80	31.30	19.80	34.70	28.90	16.70	16.80	15.40	16.40	
17	14.40	14.30	15.70	27.40	26.00	36.20	26.70	19.10	16.80	15.20	15.40	
18	14.30	14.40	15.80	24.00	28.70	36.90	24.00	21.00	16.60	15.20	15.30	
19	14.30	14.40	15.80	22.20	30.50	36.60	22.20	20.20	16.20	14.80	15.50	14.60
20	14.30	14.50	15.60	22.20	32.10	36.10	20.70	18.70	15.80	15.50	15.30	15.10
21	14.30	15.40	15.80	21.50	33.30	35.90	18.50	17.90	15.40	14.90	15.30	15.10
22	14.50	16.30	15.00	20.70	33.60	35.40	17.90	17.80	15.50	16.40	16.30	15.00
23	14.30	15.90	14.70	20.80	32.10	34.00	17.50	16.70	15.90	15.90	15.60	15.50
24	14.20	15.50	19.90	20.30	29.90	32.00	17.00	16.30	15.70	15.40	15.50	16.70
25	14.20	15.40	24.40	22.10	28.20	30.90	17.30	16.20	15.40	15.90	15.00	16.70
26	14.20	15.20	28.10	28.50	27.50	31.00	16.20	15.80	15.30	15.70	15.80	16.80
27	14.20	15.30	29.10	32.30	25.50	30.80	16.40	15.40	15.50	15.80	15.40	17.40
28	14.20	15.30	26.50	33.20	23.40	28.80	16.30	15.40	14.80	16.10	14.80	15.50
29	14.20	15.00	23.50	31.40	------	26.40	16.20	15.30	14.90	16.00	15.00	15.10
30	14.20	14.70	22.60	26.30	------	24.30	16.40	15.70	14.70	16.30	15.00	15.20
31	14.30	------	24.60	22.30	------	26.50	------	15.60	------	16.40	15.00	------
MAX	15.20	16.30	29.10	33.30	33.60	36.90	29.50	21.00	16.80	20.00	19.10	
MIN	14.10	14.20	14.70	20.30	18.90	16.50	16.20	15.30	14.70	14.80	14.80	

CAL YR 1974 MAX 36.80 MIN 13.80
WTR YR 1975 MAX 36.90 MIN 14.10

02466040 Black Warrior River at Warrior Lock near Sawyerville, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.50	14.10	18.00	36.80	30.60	21.20	21.80	16.40	19.20	14.60	14.70	16.10
2	17.00	14.10	17.80	36.10	28.90	20.50	21.50	16.10	19.80	14.50	14.80	15.80
3	14.50	14.10	17.20	34.60	27.00	19.90	23.30	15.50	18.80	14.60	14.80	16.80
4	14.80	14.10	17.80	31.70	25.60	18.10	25.20	15.20	18.10	14.70	14.80	16.70
5	14.80	14.20	17.90	27.80	24.50	17.90	26.30	15.30	18.60	13.80	14.70	16.80
6	14.50	14.20	18.00	26.00	23.80	18.20	28.20	15.00	18.30	13.80	14.70	16.60
7	14.50	14.10	18.40	24.30	23.70	18.20	27.30	15.00	19.40	15.00	14.50	15.50
8	14.50	14.20	18.30	27.10	25.60	18.00	24.30	15.20	19.80	14.70	15.90	19.30
9	14.20	14.30	17.40	29.40	28.30	17.90	22.00	15.50	20.50	14.80	16.70	25.20
10	14.30	15.00	16.80	29.30	28.60	17.50	21.30	15.60	19.50	15.20	15.40	26.40
11	14.40	15.50	15.80	29.20	27.00	16.90	20.00	16.10	18.30	15.00	14.90	24.20
12	14.50	15.30	15.70	30.50	24.70	17.50	19.10	15.60	18.40	15.50	14.90	20.90
13	14.50	15.20	15.60	31.60	22.60	17.50	26.80	17.30	18.50	15.90	14.80	18.40
14	14.30	14.90	15.60	32.10	21.50	17.60	33.00	18.60	18.30	15.20	15.80	16.70
15	14.30	14.60	15.00	31.10	20.60	17.00	35.40	18.20	17.40	14.20	16.50	16.90
16	14.30	14.50	15.00	28.80	25.50	16.90	36.50	17.50	17.10	15.10	16.00	15.50
17	14.50	14.40	15.10	26.60	28.10	15.70	36.40	18.00	16.60	14.70	15.70	16.20
18	14.30	14.30	15.80	25.20	30.40	15.40	35.10	17.70	15.60	15.10	15.30	16.20
19	14.40	14.30	15.60	24.00	31.00	16.20	31.20	17.60	15.50	15.50	15.20	15.80
20	14.30	14.30	15.80	22.70	30.10	18.30	26.10	16.60	15.50	15.20	14.80	15.70
21	14.30	14.40	15.80	22.80	28.20	19.50	23.40	17.30	15.90	14.80	15.00	15.30
22	14.20	15.90	16.70	24.00	26.70	21.00	21.60	17.60	15.80	14.60	14.80	15.70
23	14.20	15.60	16.00	24.50	27.10	20.90	20.80	17.90	15.20	14.70	14.60	14.80
24	14.20	16.00	16.10	24.20	29.20	20.40	20.20	17.60	15.00	14.80	14.60	14.70
25	14.20	16.00	15.40	25.60	29.80	17.50	18.60	17.90	15.70	14.60	14.70	14.40
26	14.20	16.10	20.10	26.30	27.60	17.60	17.60	17.70	15.80	14.60	14.50	14.90
27	14.10	16.00	30.10	27.40	24.60	18.40	17.40	20.80	15.50	14.80	14.40	15.40
28	14.10	15.90	34.50	28.00	22.80	17.40	16.20	25.40	15.60	15.00	14.50	15.70
29	14.10	19.30	36.70	29.10	------	17.50	16.60	27.00	15.20	15.20	14.80	15.00
30	14.10	19.50	38.00	30.30	------	21.60	16.30	24.80	15.00	15.20	14.60	14.70
31	14.10	------	37.60	31.20	------	23.20	------	21.60	------	14.80	15.70	------
MAX	17.00	19.50	38.00	36.80	31.00	23.20	36.50	27.00	20.50	15.90	16.70	26.40
MIN	14.10	14.10	15.00	22.70	20.60	15.40	16.20	15.00	15.00	13.80	14.40	14.40

CAL YR 1973 MAX 38.00 MIN 14.10
WTR YR 1974 MAX 38.00 MIN 13.80

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.50	14.60	15.70	24.20	20.20	17.10	33.30	29.20	22.70	14.60	15.60	15.50
2	14.60	14.40	15.80	25.60	21.80	16.90	35.00	25.30	21.30	14.50	15.80	14.80
3	14.40	14.40	15.60	24.90	25.00	17.10	36.40	23.00	19.90	15.20	15.50	14.20
4	14.40	14.40	15.80	22.30	26.10	17.70	36.40	21.50	17.50	15.50	15.80	14.30
5	14.60	14.60	15.30	22.90	23.80	18.20	35.20	20.90	16.60	15.40	15.40	15.40
6	14.60	14.60	15.50	23.50	21.50	19.30	32.50	20.10	16.90	15.90	15.20	15.20
7	14.30	14.40	15.80	28.00	20.90	20.70	29.40	19.30	17.30	16.70	15.30	14.90
8	14.30	14.60	16.10	31.60	19.80	20.40	29.20	21.50	20.10	18.20	15.20	14.90
9	14.30	14.60	16.20	33.40	19.50	19.90	29.50	25.60	20.80	17.00	15.20	14.40
10	14.30	15.00	15.30	34.50	20.40	19.20	29.00	26.50	20.10	16.70	15.30	14.40
11	14.20	15.10	16.20	34.40	20.50	19.50	27.00	24.60	17.50	17.00	15.40	14.30
12	14.20	14.80	17.80	33.20	20.50	21.90	24.60	21.20	16.70	17.20	14.90	14.90
13	14.20	14.60	18.40	29.10	19.00	23.80	22.10	19.50	18.40	17.00	14.80	14.90
14	14.10	14.90	18.40	24.70	20.50	24.30	20.50	18.80	20.10	17.60	15.50	14.50
15	14.10	15.00	18.80	23.10	25.00	22.90	19.40	18.00	19.10	19.50	16.50	14.70
16	14.20	15.00	24.60	21.60	28.10	22.90	18.50	16.90	18.20	20.40	15.30	14.30
17	14.10	15.20	26.20	21.00	28.00	27.90	19.30	16.70	17.90	20.40	15.70	14.30
18	14.10	14.90	24.80	21.10	25.90	32.30	19.30	15.80	16.40	20.50	15.30	14.30
19	14.20	14.80	21.70	21.20	23.80	34.20	20.20	15.80	17.00	21.50	15.50	14.20
20	14.20	14.70	20.10	22.20	22.30	34.70	20.50	16.00	18.20	21.00	14.90	14.20
21	14.10	14.90	20.70	22.10	21.40	34.40	19.60	16.60	19.90	19.50	15.40	14.90
22	14.10	15.40	21.10	23.10	20.60	33.60	18.50	18.50	18.20	18.60	15.20	14.90
23	14.20	15.40	21.60	28.20	20.10	29.30	17.30	18.10	19.30	16.60	15.10	14.60
24	14.20	15.20	21.00	30.20	19.60	26.90	17.80	17.10	18.80	17.00	15.00	14.40
25	14.20	15.10	20.00	29.20	19.00	28.40	22.00	16.60	17.30	16.10	15.30	14.20
26	14.40	16.40	18.40	25.90	17.60	31.40	27.20	17.40	15.60	16.70	14.70	14.10
27	14.60	15.60	17.20	23.60	17.50	32.80	32.00	16.90	16.40	16.30	14.30	14.40
28	14.20	15.80	17.10	23.80	16.70	32.70	33.30	19.10	16.40	16.10	15.00	14.20
29	14.40	15.60	16.90	22.80	------	31.20	33.60	23.70	16.50	15.80	15.20	14.10
30	14.50	15.70	16.70	21.50	------	29.20	32.60	26.40	15.90	15.20	15.60	14.20
31	14.90	------	20.10	20.90	------	30.30	------	25.70	------	15.40	15.50	------
MAX	14.90	16.40	26.20	34.50	28.10	34.70	36.40	29.20	22.70	21.50	16.50	15.50
MIN	14.10	14.40	15.30	20.90	16.70	16.90	17.30	15.80	15.60	14.50	14.30	14.10

CAL YR 1972 MAX 37.10 MIN 13.90
WTR YR 1973 MAX 36.40 MIN 14.10

02466040 Black Warrior River at Warrior Lock near Sawyerville, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.30	14.30	14.20	16.20	20.30	15.80	18.00	14.90	14.50	15.00	15.10	14.20
2	15.20	14.20	14.20	16.30	20.00	18.60	17.80	15.30	15.10	15.50	15.00	14.10
3	14.70	14.40	16.20	21.00	19.70	20.90	16.70	15.50	14.90	15.10	15.10	14.10
4	14.40	14.50	17.00	26.40	19.50	23.20	16.70	15.00	14.70	14.80	14.70	14.00
5	14.40	14.50	16.40	31.30	19.30	23.20	17.10	14.80	14.60	14.60	14.80	14.10
6	15.00	14.50	16.80	33.90	18.50	20.90	17.80	14.80	14.40	14.60	14.60	14.40
7	14.90	14.40	22.20	35.00	20.90	19.90	17.50	15.10	14.70	15.40	14.60	14.20
8	14.60	14.40	27.20	35.00	21.20	19.70	17.10	15.00	14.60	14.90	14.60	14.70
9	14.40	14.20	28.40	33.10	21.40	21.60	16.90	15.00	14.40	14.80	14.50	14.50
10	14.20	14.30	26.10	31.20	20.70	23.30	16.40	15.50	14.30	14.70	14.50	14.10
11	14.40	14.60	22.20	34.10	19.10	21.90	16.50	15.80	14.20	14.40	14.40	14.10
12	14.40	14.60	19.60	36.10	18.80	21.00	16.70	15.90	14.20	14.30	14.30	14.10
13	14.40	14.30	18.80	37.10	19.00	20.10	16.50	16.80	14.10	14.20	14.30	14.00
14	14.20	14.40	18.30	37.00	18.70	18.90	15.30	18.10	14.20	14.50	14.50	13.90
15	14.30	14.30	18.80	35.80	18.70	18.70	15.00	19.20	14.30	14.40	14.40	14.40
16	14.20	14.30	18.40	32.70	18.30	18.50	16.10	18.60	14.30	14.40	14.30	15.20
17	14.10	14.40	19.20	27.80	18.50	18.20	15.30	17.20	14.20	14.30	14.40	14.40
18	14.30	14.20	21.90	25.00	18.20	18.10	15.10	16.20	14.30	14.30	14.30	14.20
19	14.30	14.30	23.30	22.80	19.20	17.80	15.30	16.00	14.30	14.20	14.50	14.70
20	14.30	14.20	22.00	22.00	19.20	17.20	15.30	15.60	14.30	14.40	14.70	14.90
21	14.30	14.20	21.00	21.10	18.30	16.80	16.10	15.00	14.30	14.70	14.20	14.90
22	14.20	14.20	21.20	20.10	17.30	17.20	16.40	14.80	14.30	14.90	14.20	14.60
23	14.20	14.20	20.10	19.00	17.20	17.00	16.70	14.90	14.30	14.40	14.20	14.40
24	14.20	14.40	18.40	18.20	17.20	16.60	16.00	14.50	14.30	14.20	14.00	14.40
25	14.50	14.80	17.40	17.80	16.80	16.70	17.10	14.70	14.30	14.80	14.20	14.20
26	14.40	14.40	17.70	17.90	16.30	16.50	17.20	14.90	14.30	14.80	14.00	14.20
27	14.40	14.40	16.10	17.60	16.60	16.10	16.80	14.50	14.40	15.20	14.20	14.20
28	14.40	14.40	16.80	17.20	15.40	16.80	15.60	14.50	15.00	14.90	14.20	14.20
29	14.40	14.20	16.30	17.60	16.30	17.00	15.00	14.50	15.30	14.40	14.20	14.40
30	14.40	14.20	16.40	18.60	------	16.50	14.90	14.50	15.10	14.30	14.20	15.00
31	14.40	------	16.60	20.00	------	17.20	------	14.40	------	15.30	14.20	------
MAX	15.30	14.80	28.40	37.10	21.40	23.30	18.00	19.20	15.30	15.50	15.10	15.20
MIN	14.10	14.20	14.20	16.20	15.40	15.80	14.90	14.40	14.10	14.20	14.00	13.90

WTR YR 1972 MAX 37.10 MIN 13.90

02467000 Tombigbee River at Demopolis lock and dam, near Coatopa, Ala.

LOCATION.--Lat 32°31'15", long 87°52'39", in NW¼ sec. 22, T. 18 N., R. 2 E., Marengo County, on left bank 100 ft (30 m) upstream from lock and dam, 0.5 mi (0.8 km) downstream from Foscue Creek, 2.5 mi (4.0 km) west of Demopolis, 3.5 mi (5.6 km) upstream from Hall Creek, 13 mi (21 km) east of Coatopa, and at mile 171.2 (275.5 km).

DRAINAGE AREA.--15,400 mi^2, approximately (39,900 km^2, approximately).

PERIOD OF RECORD.--August 1928 to current year. Published as "near Coatopa" 1928-55.

GAGE.--Water-stage recorder. Datum of gage is 56.00 ft (17.069 m) above mean sea level (levels by Corps of Engineers). Prior to Oct. 31, 1939, nonrecording gage, and Nov. 1, 1939, to Sept. 30, 1955, water-stage recorder at site 11.6 mi (18.7 km) downstream at datum 26.70 ft (8.138 m) lower.

AVERAGE DISCHARGE.--47 years, 22,570 ft^3/s (639.2 m), 19.90 in/yr (505 mm/yr).

EXTREMES.--Current year: Maximum discharge, 172,000 ft^3/s (4,871 m^3/s) Mar. 24; maximum gage height, 27.34 ft (8.333 m) Mar. 25; minimum daily discharge, 2,750 ft^3/s (77.9 m^3/s) Nov. 6.
Period of record: Maximum discharge, 250,000 ft^3/s (7,080 m^3/s Feb. 28, 1961 (gage height, 35.66 ft or 10.869 m); minimum daily, 50 ft^3/s (1.42 m^3/s) Aug. 1-6, 1954 (results of closure of and storage above Demopolis lock and dam during construction).

REMARKS.--Records fair except those below 2,000 ft^3/s (56.6 m^3/s) which are poor. Some regulation by Lewis Smith Reservoir on Sipsey Fork (see station 02451950), Bankhead lock and dam on Black Warrior River (usable capacity, 112,000 acre-ft or 138 hm^3), Holt lock and dam on Black Warrior River (usable capacity, 115,000 acre-ft or 142 hm^3), and lock at gage. Diversion through lock valves included in figures of discharge.

COOPERATION.--Gage-height record furnished by Corps of Engineers.

REVISIONS(WATER YEARS).--WSP 782: 1934. WSP 952: 1941.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8,090	2,850	6,720	74,900	38,700	61,100	86,900	24,200	14,200	6,740	24,700	4,920
2	6,040	3,010	9,320	75,700	34,500	44,500	85,500	22,400	11,600	7,560	34,800	3,890
3	6,930	3,080	13,700	72,100	34,300	37,700	87,500	18,600	11,300	7,760	34,900	4,950
4	5,510	2,940	11,800	70,200	52,800	32,800	80,200	17,800	11,000	8,670	36,800	6,060
5	5,960	2,990	11,400	68,500	75,000	29,800	71,400	18,400	10,600	6,390	34,500	5,940
6	5,220	2,750	9,790	67,400	83,300	27,200	66,600	22,200	10,000	6,120	33,400	5,160
7	3,940	3,230	11,500	66,300	85,900	24,500	62,700	21,600	10,400	6,040	35,600	5,980
8	3,310	4,760	16,100	70,900	84,100	24,500	59,700	23,300	6,310	11,800	33,800	4,500
9	3,750	5,760	21,000	78,400	76,300	23,200	58,200	30,600	6,380	23,800	29,800	5,290
10	5,860	5,170	24,000	79,400	64,400	19,400	64,900	34,600	11,600	25,400	24,200	8,450
11	3,620	5,530	25,500	84,600	54,300	19,700	61,100	33,100	13,500	22,000	19,200	6,520
12	3,080	7,720	22,200	93,200	49,200	22,300	56,400	31,900	15,900	18,800	20,800	6,770
13	3,250	6,570	19,400	100,000	43,100	28,000	48,100	27,000	23,500	19,800	21,600	6,500
14	2,950	6,050	16,100	105,000	38,600	61,300	53,000	21,700	25,100	16,400	18,200	4,630
15	2,810	6,530	14,900	107,000	36,500	83,700	78,000	16,800	28,400	14,100	15,000	4,440
16	2,760	6,300	14,500	106,000	45,800	95,700	82,000	20,600	29,100	12,200	12,900	6,170
17	4,100	5,130	14,000	98,000	68,700	104,000	77,600	32,600	26,700	10,100	11,800	6,160
18	3,640	4,800	16,100	88,600	78,800	112,000	67,700	43,200	22,900	8,770	12,200	5,590
19	4,060	5,330	15,200	82,000	84,100	119,000	58,200	44,100	18,000	7,830	14,600	4,660
20	4,610	6,570	13,600	79,000	89,200	124,000	47,600	38,000	15,200	8,100	16,300	7,610
21	4,100	11,100	11,900	74,000	93,800	134,000	34,400	33,000	12,100	9,140	15,900	8,530
22	4,090	16,800	8,450	64,800	97,000	149,000	31,100	29,900	14,600	12,500	15,400	7,740
23	3,530	17,900	9,150	56,600	97,900	162,000	29,000	25,400	14,300	11,600	12,900	11,500
24	3,240	15,500	51,100	48,900	96,600	169,000	24,800	21,900	12,000	10,600	10,600	17,800
25	3,240	13,400	72,500	62,800	93,500	167,000	21,800	18,500	10,000	11,400	7,700	18,300
26	2,970	11,000	78,700	78,700	91,200	162,000	19,400	13,500	8,820	10,400	8,040	18,800
27	2,980	10,400	80,400	82,900	84,100	151,000	19,300	11,400	8,500	14,000	7,980	20,700
28	2,880	10,400	75,800	83,300	73,900	131,000	18,100	11,200	7,730	17,000	7,230	14,000
29	2,880	8,670	68,700	78,300	------	106,000	17,800	11,500	7,630	16,700	7,110	10,100
30	3,250	6,810	65,700	63,400	------	91,800	21,200	12,500	5,500	14,700	6,150	8,940
31	2,960	------	69,700	48,100	------	87,900	------	13,300	------	16,100	6,320	------
TOTAL	125,610	219,050	898,930	2,409.0M	1,945.6M	2,605.1M	1,590.2M	744,800	422,870	392,520	590,430	250,600
MEAN	4,052	7,302	29,000	77,710	69,490	84,040	53,010	24,030	14,100	12,660	19,050	8,353
MAX	8,090	17,900	80,400	107,000	97,900	169,000	87,500	44,100	29,100	25,400	36,800	20,700
MIN	2,760	2,750	6,720	48,100	34,300	19,400	17,800	11,200	5,500	6,040	6,150	3,890
CFSM	.26	.47	1.88	5.05	4.51	5.46	3.44	1.56	.92	.82	1.24	.54
IN.	.30	.53	2.17	5.82	4.70	6.29	3.84	1.80	1.02	.95	1.43	.61

CAL YR 1974 TOTAL 12,297,250.00 MEAN 33,690 MAX 80,400 MIN 0 CFSM 2.19 IN 29.71
WTR YR 1975 TOTAL 12,194,710.00 MEAN 33,410 MAX 169,000 MIN 2,750 CFSM 2.17 IN 29.46

02467001 Tombigbee River below Demopolis lock and dam, near Coatopa, Ala.

LOCATION.--Lat 32°31'15", long 87°52'48", in NW¼ sec. 22, T. 18 N., R. 2 E., Marengo County, on left bank at downstream end of lock and dam, 0.6 mi (1.0 km) downstream from Foscue Creek, 2.5 mi (4.0 km) west of Demopolis, 3.4 mi (5.5 km) upstream from Hall Creek, 13 mi (21 km) east of Coatopa, and at mile 171.1 (275.3 km).

DRAINAGE AREA.--15,400 mi^2, approximately (39,900 km^2, approximately).

PERIOD OF RECORD.--July 1951 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. July 1951 to September 1971 in files of Corps of Engineers.

GAGE.--Nonrecording gage. Datum of gage is 20.0 ft (6.10 m) above mean sea level.

EXTREMES.--Maximum and minimum gage heights (at 0700) for water years 1972-75 are contained in the following table:

Water year	Maximum Date	Maximum Gage height (feet)	Maximum Gage height (metres)	Minimum Date	Minimum Gage height (feet)	Minimum Gage height (metres)
1972	Jan. 16, 1972	60.9	18.56	Oct. 19, 1971, Sept. 4, 1972	12.6	3.84
1973	Mar. 28, 1973	63.9	19.48	Oct. 21, 22, 1972	12.6	3.84
1974	Jan. 2, 1974	59.4	18.11	Oct. 24, 1973	12.3	3.75
1975	Mar. 25, 1975	61.5	18.75	Oct. 24, Nov. 5, 6, 7, 1974	13.0	3.96

Period of record: Maximum, 71.0 ft (21.64 m) Feb. 28, 1961; minimum, 11.0 ft (3.35 m) May 30, 1962.

COOPERATION.--Records furnished by Corps of Engineers.

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.00	13.20	14.80	44.50	34.70	45.30	52.60	22.90	18.30	14.20	21.10	14.10
2	14.60	13.20	15.00	45.00	29.90	39.90	51.60	23.60	18.00	14.60	27.00	13.60
3	14.30	13.00	17.00	44.20	28.10	34.30	52.30	22.00	16.70	14.80	28.10	13.30
4	14.40	13.20	17.50	43.50	30.20	29.50	52.10	21.00	16.50	15.20	28.70	13.80
5	13.90	13.00	16.30	42.80	40.80	26.20	49.60	20.60	16.30	15.10	28.20	14.30
6	14.20	13.00	16.00	42.10	45.70	25.00	46.80	21.20	15.70	13.90	27.30	14.00
7	13.60	13.00	16.00	41.30	47.70	23.50	44.30	22.20	17.00	14.70	28.30	14.00
8	13.20	13.50	18.20	41.30	48.50	23.10	41.60	22.30	15.30	14.80	27.90	14.00
9	13.40	14.10	20.10	45.80	47.80	22.60	39.70	25.00	14.50	19.90	26.20	13.60
10	14.40	13.90	21.90	47.80	44.60	22.10	40.60	27.50	16.10	23.00	23.80	14.90
11	13.30	13.80	22.80	49.60	40.40	20.60	41.00	27.50	18.30	22.40	21.20	14.60
12	13.20	14.70	22.00	51.60	36.80	21.60	39.70	27.20	18.70	20.20	20.60	14.30
13	13.30	14.80	21.90	53.40	34.80	23.10	37.00	25.50	21.20	20.60	21.50	14.70
14	13.20	14.30	19.30	55.00	31.60	32.00	33.70	22.60	23.10	19.10	20.60	13.80
15	13.10	14.30	18.30	56.10	29.80	43.70	43.80	20.40	23.10	18.20	18.80	13.50
16	13.20	14.50	19.00	56.30	28.70	48.70	47.80	20.00	26.20	17.50	17.90	13.40
17	13.50	14.10	18.00	55.80	39.80	52.60	48.10	24.20	24.60	16.40	17.10	14.20
18	13.50	13.80	18.50	54.00	45.90	55.10	46.10	29.90	23.40	15.70	16.90	14.10
19	13.30	13.70	19.10	51.90	48.70	57.10	43.00	32.20	20.80	15.30	18.20	13.80
20	13.50	14.30	18.30	50.00	50.10	58.20	39.00	30.80	19.30	15.00	18.80	13.80
21	13.50	15.50	18.00	48.60	51.40	59.00	33.50	28.40	17.50	15.20	19.30	15.20
22	13.40	18.00	16.30	45.90	52.80	59.70	27.40	26.00	17.60	16.70	18.60	14.90
23	13.20	19.50	15.30	42.40	53.20	60.60	25.70	24.30	18.50	16.90	17.60	14.80
24	13.00	19.00	26.00	38.60	53.30	61.10	24.20	22.40	17.20	16.30	17.00	18.90
25	13.10	18.00	41.30	38.80	53.00	61.50	21.90	20.90	16.60	17.00	15.50	20.00
26	13.10	17.10	46.20	45.50	52.50	61.10	21.40	19.20	15.70	16.00	14.80	19.50
27	13.20	16.00	47.90	48.30	51.30	60.40	20.50	16.40	15.30	16.70	14.70	20.90
28	13.10	16.60	48.00	49.00	48.80	59.30	20.60	16.90	15.20	19.00	14.90	18.90
29	13.10	15.80	46.40	48.60	------	57.90	19.70	16.50	15.10	18.90	14.70	16.70
30	13.10	15.00	44.40	46.00	------	55.50	20.70	17.30	14.70	18.40	14.60	15.00
31	13.20	------	43.80	40.50	------	53.80	------	17.30	------	18.40	13.90	------
MAX	15.0	19.5	48.0	56.3	53.3	61.5	52.6	32.2	26.2	23.0	28.7	20.9
MIN	13.0	13.0	14.8	38.6	28.1	20.6	19.7	16.4	14.5	13.9	13.9	13.3

CAL YR 1974 MAX 59.4 MIN 13.0
WTR YR 1975 MAX 61.5 MIN 13.0

02467001 Tombigbee River below Demopolis lock and dam, near Coatopa, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.70	13.00	31.40	59.30	54.90	40.30	37.00	20.60	34.40	14.40	14.50	15.70
2	18.20	13.00	31.20	59.40	55.10	36.50	37.20	19.70	31.00	13.80	14.30	19.00
3	17.00	13.00	30.60	59.30	54.80	32.00	39.60	18.80	30.80	14.20	14.00	21.70
4	14.60	13.00	30.60	58.70	54.10	27.60	41.30	16.50	28.50	14.40	14.10	23.30
5	14.50	13.20	32.40	57.70	53.20	24.80	43.00	17.20	27.40	14.20	14.20	21.70
6	13.60	13.40	33.20	56.00	52.50	24.20	44.90	16.30	30.60	13.90	13.90	20.90
7	13.50	13.40	33.00	53.80	51.70	23.90	46.20	16.20	35.80	14.00	13.90	19.00
8	13.60	13.50	33.20	51.80	51.70	23.50	46.10	16.80	37.00	14.60	14.40	24.00
9	13.20	13.70	30.70	51.80	51.70	22.90	44.00	16.80	36.00	14.90	15.50	38.80
10	13.20	14.80	28.30	52.20	51.70	22.50	41.30	17.20	34.60	15.00	15.50	42.90
11	13.50	17.20	21.60	52.10	51.00	21.60	38.40	17.40	32.90	15.50	14.70	40.50
12	13.50	17.10	19.20	52.80	49.80	21.20	32.60	18.70	32.20	15.60	14.60	35.50
13	13.50	16.20	18.20	53.80	46.80	22.20	43.00	21.30	30.20	15.80	14.00	29.50
14	13.40	15.40	17.70	54.20	41.90	23.10	52.20	23.80	32.60	15.60	16.30	23.40
15	13.40	14.40	16.40	54.70	37.10	22.90	56.10	24.90	30.20	14.60	18.10	21.20
16	13.30	14.20	16.50	54.70	40.70	21.90	58.40	24.40	26.30	14.20	17.90	19.30
17	13.30	13.80	16.50	54.30	45.40	20.10	59.00	24.80	25.50	14.20	17.80	17.90
18	13.40	13.40	16.40	53.30	47.40	18.00	59.10	26.20	21.50	14.50	16.50	17.90
19	13.50	13.50	17.50	52.40	49.00	17.20	58.60	26.30	19.00	14.40	16.00	16.80
20	13.50	13.20	17.40	51.30	50.50	20.40	57.10	25.20	18.30	14.70	14.70	16.70
21	13.50	13.50	20.60	52.00	50.60	28.60	54.50	25.10	18.60	14.40	14.10	15.70
22	13.20	16.20	22.60	52.50	49.80	33.20	51.10	26.90	18.40	14.20	14.30	15.50
23	12.50	17.70	22.00	52.60	49.00	34.30	46.70	28.70	17.60	13.80	13.90	15.00
24	12.30	18.70	21.30	52.60	48.50	32.60	42.00	28.10	16.70	14.20	13.90	14.00
25	13.00	19.70	19.60	52.50	48.50	31.00	37.80	26.20	15.80	14.10	13.80	13.50
26	13.00	19.90	29.50	52.40	48.30	28.50	32.50	26.20	17.70	14.20	13.50	14.70
27	13.00	18.60	46.90	52.70	46.40	28.20	28.20	28.30	17.90	14.60	13.20	17.20
28	12.90	19.00	52.70	53.00	43.50	28.00	24.50	34.80	17.20	14.20	13.30	17.50
29	12.90	25.60	55.50	53.60	------	27.20	21.50	39.20	16.80	14.60	13.30	16.00
30	12.80	30.60	57.10	54.20	------	31.80	20.60	40.30	15.70	14.40	13.60	15.60
31	12.90	------	58.10	54.60	------	36.00	------	38.50	------	14.70	14.40	------
MAX	18.2	30.6	58.1	59.4	55.1	40.3	59.1	40.3	37.0	15.8	18.1	42.9
MIN	12.3	13.0	16.4	51.3	37.1	17.2	20.6	16.2	15.7	13.8	13.2	13.5

CAL YR 1973 MAX 63.9 MIN 12.3
WTR YR 1974 MAX 59.4 MIN 12.3

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.50	14.40		33.40	34.60	20.50	61.30	53.30	34.60	15.70	16.30	15.00
2	13.70	13.80		37.70	33.90	20.70	61.00	52.20	34.50	14.00	17.00	15.00
3	13.70	13.50		39.00	37.00	20.70	60.60	49.60	34.70	14.40	16.00	13.20
4	13.50	13.40	18.80	38.60	40.30	22.00	60.10	46.70	30.50	15.50	16.10	13.10
5	13.40	14.40	17.50	37.00	41.40	23.80	59.80	43.90	24.50	16.40	16.00	14.30
6	13.70	14.20	16.70	37.60	39.60	25.20	59.20	41.00	22.90	18.00	15.00	15.00
7	13.50	14.20	18.20	39.60	37.20	29.00	58.00	36.50	23.80	19.10	13.90	14.90
8	12.90	13.60	17.80	45.10	33.80	34.10	56.80	35.10	26.60	23.20	13.90	14.00
9	12.80	13.80	18.40	50.20	31.20	34.90	55.30	38.80	28.80	23.20	14.30	14.00
10	12.80	13.90	17.40	52.60	30.50	32.60	53.40	41.70	28.20	20.40	14.60	13.00
11	12.90	15.00	17.00	56.60	30.40	30.50	51.30	41.20	25.20	20.90	14.60	13.00
12	12.80	14.50	22.00	54.30	30.50	35.80	48.20	38.40	21.50	21.90	14.20	13.50
13	12.80	13.80	26.00	54.50	29.70	39.30	44.60	33.50	19.80	22.80	14.10	13.50
14	12.90	14.30	27.00	53.60	29.50	40.60	39.80	28.60	23.20	22.50	13.90	13.80
15	12.80	15.20	26.50	53.40	35.60	40.60	34.30	26.50	24.80	22.90	17.00	13.40
16	12.70	14.50	32.60	49.40	40.80	39.20	29.20	24.00	23.80	24.80	16.40	13.30
17	12.80	15.20	38.50	48.20	43.70	43.80	27.00	21.80	23.00	24.80	16.40	13.10
18	12.80	15.00	41.20	46.90	44.70	48.40	28.60	20.70	21.50	24.50	16.70	13.20
19	12.90	14.50	40.80	45.00	44.00	51.00	32.60	18.00	19.50	26.00	16.80	13.20
20	12.90	14.10	38.70	41.40	42.70	52.90	34.80	17.00	21.60	26.20	14.90	13.10
21	12.60	15.50	38.00	36.50	40.80	54.50	35.20	18.30	27.60	24.40	14.80	13.10
22	12.60	16.80	40.60	38.20	39.50	55.80	33.30	20.10	28.80	23.00	14.70	13.60
23	13.20	17.00	41.40	42.30	37.80	56.90	31.50	22.90	27.90	20.00	13.90	13.60
24	12.90	16.40	40.40	44.90	35.80	58.30	29.00	22.20	26.60	18.50	13.90	13.40
25	12.90	15.60	37.80	46.50	32.10	60.70	30.90	21.20	23.90	17.80	14.00	12.90
26	13.00	17.40	33.10	46.60	26.30	62.60	44.30	21.70	19.80	17.40	14.20	12.90
27	14.00	18.50	27.00	44.60	23.00	63.70	50.40	25.70	18.90	18.50	13.50	13.00
28	13.60		22.80	42.50	21.60	63.90	52.30	27.20	18.50	17.10	13.00	13.20
29	13.50		21.20	40.90	------	63.50	53.00	33.90	18.20	16.50	14.00	13.00
30	13.50		20.30	38.70	------	62.50	53.50	36.60	17.70	15.40	14.20	13.10
31	14.50	------	23.70	36.70	------	61.80	------	36.70	------	14.60	14.70	------
MAX	14.5	-	41.4	56.6	44.7	63.9	61.3	53.3	34.7	26.2	17.0	15.0
MIN	12.6	13.4	16.7	33.4	21.6	20.5	27.0	17.0	17.7	14.0	13.0	12.9

CAL YR 1972 MAX 60.9 MIN 12.6
WTR YR 1973 MAX 63.9 MIN 12.6

02467001 Tombigbee River below Demopolis lock and dam, near Coatopa, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.60	13.00	13.20	20.50	34.00	19.20	23.80	15.00	13.50	14.50	16.30	12.70
2	15.30	13.00	13.20	19.50	33.00	23.20	24.40	14.80	13.60	15.50	14.50	12.90
3	14.90	13.40	14.60	24.00	31.50	33.70	22.80	15.90	14.20	15.60	14.20	12.70
4	13.60	13.00	20.60	33.00	32.00	36.70	19.70	15.60	14.20	14.60	14.50	12.60
5	13.40	13.20	21.60	46.90	30.20	37.60	21.10	14.60	13.80	14.20	13.80	12.70
6	13.80	13.10	20.00	51.80	27.10	37.10	22.20	14.80	13.50	13.80	13.50	12.80
7	14.80	13.20	29.60	53.40	29.00	34.90	23.60	15.20	13.40	14.60	13.30	13.30
8	14.20	13.20	40.20	54.20	35.60	33.00	23.70	15.10	14.00	14.30	13.40	12.90
9	13.00	13.00	45.10	54.60	35.50	35.30	22.40	14.50	13.80	14.20	13.40	13.80
10	12.90	13.00	45.90	56.70	34.50	37.50	20.90	17.00	13.30	14.10	13.30	12.90
11	12.90	12.90	44.40	58.40	31.50	38.50	19.60	19.50	13.20	13.70	13.40	12.80
12	12.90	13.80	41.60	59.30	27.10	37.30	19.90	20.20	13.00	13.20	13.50	12.90
13	12.90	12.90	36.20	59.80	26.80	35.90	19.90	22.00	12.90	13.00	13.00	12.80
14	12.80	13.20	31.60	60.30	26.70	33.60	18.50	24.50	13.00	13.10	12.90	12.70
15	12.80	13.10	29.50	60.70	25.80	29.80	16.00	27.40	13.00	13.60	13.30	12.90
16	12.80	13.10	29.60	60.90	24.80	26.20	16.20	26.20	13.00	13.50	13.00	13.20
17	12.70	13.00	28.80	60.50	24.40	25.00	17.80	24.30	13.50	13.40	13.00	13.50
18	12.70	13.00	31.40	58.80	24.50	24.00	16.00	20.60	13.10	13.20	12.90	13.50
19	12.60	13.00	35.00	56.80	26.80	23.80	16.80	19.20	13.20	13.30	13.20	13.20
20	12.70	13.00	36.50	54.30	27.50	23.80	16.00	17.50	13.30	14.50	13.60	13.60
21	12.70	13.00	36.50	51.50	25.70	22.50	17.30	16.40	13.30	13.50	13.50	14.40
22	12.70	13.00	35.80	46.10	23.30	21.20	18.70	14.90	13.30	13.90	13.00	14.30
23	12.70	13.00	33.80	40.20	21.70	21.10	18.80	14.40	13.20	13.50	12.90	13.60
24	12.80	13.00	30.20	34.80	21.00	20.20	19.60	14.80	13.00	13.00	12.90	13.60
25	13.00	13.60	26.10	29.50	21.20	19.80	20.60	13.70	13.00	13.00	12.90	13.20
26	13.20	13.60	23.50	25.20	19.80	19.80	22.60	14.00	13.20	13.90	12.90	13.00
27	13.20	13.50	21.10	23.20	20.00	18.80	23.10	14.00	13.10	13.50	13.00	13.00
28	13.20	13.30	19.30	21.60	19.50	18.50	22.10	13.70	13.50	14.00	12.90	13.00
29	13.50	13.60	20.50	21.00	17.90	21.50	20.00	14.00	15.10	13.50	12.80	13.00
30	13.20	13.60	19.50	23.70	------	22.00	17.00	13.70	15.90	13.20	12.80	13.80
31	13.20	------	20.00	31.80	------	22.30	------	13.70	------	14.40	12.80	------
MAX	15.6	13.8	45.9	60.9	35.6	38.5	24.4	27.4	15.9	15.6	16.3	14.4
MIN	12.6	12.9	13.2	19.5	17.9	18.5	16.0	13.7	12.9	13.0	12.8	12.6

WTR YR 1972 MAX 60.9 MIN 12.6

02467500 Sucarnoochee River at Livingston, Ala.

LOCATION.--Lat 32°34'25", long 88°11'36", in SW¼ sec. 33, T. 19 N., R. 2 W., Sumter County, on right bank 10 ft (3 m) downstream from bridge on U.S. Highway 11, 500 ft (152 m) upstream from Southern Railway bridge, 0.8 mi (1.3 km) southwest of Livingston, and 9 mi (14 km) upstream from Alamuchee Creek.

DRAINAGE AREA.--606 mi^2 (1,570 km^2).

PERIOD OF RECORD.--October 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is 90.04 ft (27.444 m) above mean sea level. Prior to Jan. 12, 1939, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--37 years, 771 ft^3/s (21.83 m^3/s), 17.28 in/yr (439 mm/yr).

EXTREMES.--Current year: Maximum discharge, 11,200 ft^3/s (317 m^3/s) Jan. 13 (gage height, 24.39 ft or 7.434 m); minimum, 189 ft^3/s (5.35 m^3/s) Sept. 17 (gage height, 3.66 ft or 1.116 m).
Period of record: Maximum discharge, 31,500 ft^3/s (892 m^3/s) Feb. 22, 1961 (gage height, 29.35 ft or 8.946 m); minimum, 49 ft^3/s (1.39 m^3/s) Sept. 11, 1957.

REMARKS.--Records good.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	436	245	449	1,540	853	883	2,240	2,390	1,140	263	1,210	248
2	349	240	672	1,010	823	835	2,220	2,590	743	263	1,620	244
3	293	236	578	842	1,140	780	2,330	2,500	544	258	1,620	230
4	269	232	420	771	2,930	726	2,070	1,750	453	263	1,640	214
5	253	218	361	732	3,380	681	1,600	1,590	400	287	1,880	203
6	247	214	344	684	3,680	657	1,040	1,630	371	273	2,070	199
7	240	230	1,000	611	3,690	647	872	1,510	375	255	1,500	214
8	236	239	1,590	2,060	3,360	655	786	1,540	423	279	1,220	244
9	232	224	1,660	2,620	2,110	665	2,060	1,630	559	372	902	237
10	227	226	1,110	3,110	1,120	659	3,130	1,650	1,100	534	615	223
11	223	250	641	4,420	995	946	3,180	1,560	1,150	478	913	223
12	220	276	547	5,900	2,410	1,130	3,200	1,480	1,280	461	1,320	237
13	221	412	537	9,430	2,530	1,770	3,230	1,340	1,480	411	750	250
14	217	359	513	7,720	2,410	3,500	4,040	848	1,260	329	517	220
15	219	276	491	5,800	1,660	4,030	5,110	760	1,640	285	443	202
16	217	248	505	4,520	3,170	4,290	5,070	1,500	2,030	265	431	193
17	230	256	524	2,960	4,880	4,340	5,000	2,610	1,340	256	1,340	195
18	268	295	476	1,380	5,730	4,210	5,050	2,640	783	252	1,890	213
19	245	443	506	985	6,140	3,760	4,090	2,450	582	371	1,440	274
20	228	585	614	1,110	5,670	3,430	2,300	1,340	502	347	1,000	278
21	218	594	658	1,110	4,500	3,200	1,070	787	464	338	707	235
22	211	638	548	953	3,000	2,630	881	662	434	708	510	220
23	206	451	771	792	1,650	1,440	793	583	406	678	413	417
24	206	344	4,590	842	1,640	2,260	730	524	372	440	363	1,090
25	213	307	5,910	3,350	1,850	2,580	685	481	338	340	339	872
26	227	323	6,830	3,600	1,710	2,620	649	447	314	319	319	496
27	227	409	8,540	3,680	1,130	2,290	621	421	298	432	297	343
28	226	371	6,660	3,480	950	1,250	616	473	287	454	278	282
29	228	318	5,150	2,930	------	953	598	489	277	401	264	253
30	228	325	3,650	1,470	------	1,520	1,560	667	275	430	251	239
31	237	------	2,480	959	------	1,930	------	1,040	------	458	257	------
TOTAL	7,497	9,784	59,325	81,371	75,111	61,267	66,821	41,882	21,620	11,500	28,319	8,988
MEAN	242	326	1,914	2,625	2,683	1,976	2,227	1,351	721	371	914	300
MAX	436	638	8,540	9,430	6,140	4,340	5,110	2,640	2,030	708	2,070	1,090
MIN	206	214	344	611	823	647	598	421	275	252	251	193
CFSM	.40	.54	3.16	4.33	4.43	3.26	3.67	2.23	1.19	.61	1.51	.50
IN.	.46	.60	3.64	5.00	4.61	3.76	4.10	2.57	1.33	.71	1.74	.55

CAL YR 1974 TOTAL 455,221 MEAN 1,247 MAX 25,100 MIN 200 CFSM 2.06 IN 27.94
WTR YR 1975 TOTAL 473,485 MEAN 1,297 MAX 9,430 MIN 193 CFSM 2.14 IN 29.07

PEAK DISCHARGE (BASE, 5,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-27	0800	23.66	9,160	2-19	1300	21.97	6,230
1-13	1400	24.39	11,200	4-15	1700	20.88	5,380

02468500 Chickasaw Bogue near Linden, Ala.

LOCATION.--Lat 32°19'45", long 87°47'27", in SW¼ sec. 28, T. 16 N., R. 3 E., Marengo County, near left bank on downstream side of bridge on U.S. Highway 43, 1.5 mi (2.4 km) north of Linden, 2 mi (3 km) downstream from Atkin Creek, and 11 mi (18 km) upstream from mouth.

DRAINAGE AREA.--258 mi^2 (668 km^2).

PERIOD OF RECORD.--January 1944 to September 1946, October 1965 to current year.

GAGE.--Water-stage recorder. Datum of gage is 63.46 ft (19.343 m) above mean sea level. January 1944 to September 1946 nonrecording gage at site about 75 ft (23 m) upstream at different datum. Since Jan. 10, 1966, auxiliary nonrecording gage on bridge of Alabama State Highway 28, 3 mi (5 km) downstream. January 1944 to September 1946, auxiliary nonrecording gage at lock 3 on Tombigbee River 3 mi (5 km) downstream from mouth of Chickasaw Bogue.

AVERAGE DISCHARGE.--12 years (1944-46, 1965-74) 340 ft^3/s (9.63 m^3/s), 17.90 in/yr (455 mm/yr).

EXTREMES.--Current year: Maximum discharge, 12,900 ft^3/s (365 m^3/s) Dec. 24 (gage height, 25.54 ft or 7.785 m); minimum daily, 9.3 ft^3/s (0.263 m^3/s) Sept. 2.

Period of record: Maximum discharge, 33,000 ft^3/s (935 m^3/s) Mar. 26, 1945 (gage height, 30.33 ft or 9.245 m), site and datum then in use; minimum observed, 0.3 ft^3/s (0.085 m^3/s) June 27-29, 1944.

REMARKS.--Records fair except those below 100 cfs and those for periods of no gage-height record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	104	35	250	120	121	110	250	332	40	40	4,890	10
2	85	34	152	97	118	110	400	189	35	17	2,360	9.3
3	70	33	97	90	138	100	2,500	130	29	16	505	9.9
4	60	32	76	623	307	98	500	100	24	108	174	10
5	55	33	66	345	2,280	95	350	95	21	58	1,120	10
6	50	34	62	147	544	100	250	90	19	22	4,830	10
7	45	38	201	100	205	130	200	128	21	17	590	13
8	43	36	365	4,520	125	160	170	247	79	31	203	335
9	40	37	152	8,560	113	140	160	286	148	93	119	77
10	37	37	96	2,080	126	170	200	173	406	83	177	44
11	36	70	79	5,460	105	200	400	112	653	36	305	150
12	35	301	77	1,260	665	170	250	85	630	31	106	82
13	34	133	77	1,120	228	200	200	72	200	24	56	26
14	33	80	67	421	116	500	3,650	61	150	18	42	20
15	33	76	142	265	83	1,000	9,360	65	250	16	38	20
16	250	70	478	208	4,140	2,000	2,000	90	100	14	31	18
17	80	74	221	171	10,600	5,000	800	128	50	14	45	22
18	60	77	150	152	4,990	2,500	250	118	30	13	69	22
19	50	80	115	149	1,080	5,000	200	83	25	18	38	20
20	45	343	300	1,340	701	1,000	170	60	28	22	26	17
21	40	427	600	430	478	400	150	47	25	24	22	16
22	38	146	200	205	327	250	130	39	33	26	21	20
23	36	89	210	152	273	200	120	36	22	26	16	1,480
24	35	66	8,620	225	399	180	100	33	20	48	16	692
25	34	68	9,810	5,770	350	550	90	31	18	192	16	198
26	34	102	2,540	3,870	200	350	80	29	17	238	17	65
27	34	80	564	461	130	200	75	27	17	56	18	41
28	33	60	375	305	120	190	68	27	16	27	16	39
29	34	51	347	215	------	170	72	27	30	21	14	26
30	37	89	323	164	------	160	181	28	80	98	12	9.9
31	50	------	163	142	------	500	------	36	------	2,200	10	------
TOTAL	1,650	2,831	26,975	39,167	29,062	21,933	23,326	3,004	3,216	3,647	15,902	3,512.1
MEAN	53.2	94.4	870	1,263	1,038	708	778	96.9	107	118	513	117
MAX	250	427	9,810	8,560	10,600	5,000	9,360	332	653	2,200	4,890	1,480
MIN	33	32	62	90	83	95	68	27	16	13	10	9.3
CFSM	.21	.37	3.37	4.90	4.02	2.74	3.02	.38	.41	.46	1.99	.45
IN.	.24	.41	3.89	5.65	4.19	3.16	3.36	.43	.46	.53	2.29	.51

CAL YR 1974 TOTAL 159,857.7 MEAN 438 MAX 13,400 MIN 7.6 CFSM 1.70 IN 23.05
WTR YR 1975 TOTAL 174,225.1 MEAN 477 MAX 10,600 MIN 9.3 CFSM 1.85 IN 25.12

PEAK DISCHARGE (BASE, 6,200 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	C.HT.	DISCHARGE
12-24	2100	25.54	12,900	2-17	1400	24.12	11,300
1-09	0800	22.56	9,800	3-16	2100	18.43	6,400
1-11	1100	18.59	6,510	4-15	1100	23.00	10,200
1-25	2400	21.31	8,680				

NOTE.--No gage-height record Oct. 1 to Nov. 5, Feb. 26 to Apr. 13.

02469761 Tombigbee River at Coffeeville lock and dam, near Coffeeville, Ala.

LOCATION.--Lat 31°45'30", long 88°07'45", in sec. 12, T. 9 N., R. 2 W., Choctaw County, near right bank at Coffeeville lock and dam, 4 mi (6 km) downstream from Turkey Creek, 2 mi (3 km) west of Coffeeville, and at mile 74.7 (120.2 km).

DRAINAGE AREA.--18,500 mi^2, approximately (48,000 km^2, approximately).

PERIOD OF RECORD.--October 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 14.00 ft (4.267 m) below mean sea level. Auxiliary water-stage recorder 0.5 mi (0.8 km) downstream from base gage at same datum.

AVERAGE DISCHARGE.--8 years, 31,640 ft^3/s (896.0 m^3/s), 23.23 in/yr (590 mm/yr).

EXTREMES.--Current year: Maximum discharge, 164,000 ft^3/s (4,640 m^3/s) Mar. 28; maximum gage height, 57.06 ft (17.39 m) Mar. 28; minimum daily discharge, 3,760 ft^3/s (106 m^3/s) Oct. 27, 29, Nov. 6.

Period of record: Maximum discharge, 189,000 ft^3/s (5,350 m^3/s) Apr. 1, 1973; maximum gage height, 60.01 ft (18.291 m) Apr. 2, 1973; minimum discharge, 957 ft^3/s (27.1 m^3/s) June 18, 1968 (results of abnormal regulation).

Flood of May 1, 1874 (correction) reached a stage of 67.4 ft (20.54 m) (discharge not determined), at site 0.5 mi (0.8 km) downstream at present datum, and flood of Mar. 4, 1961, reached a stage of 65.39 ft (19.931 m) (discharge not determined), at present site and datum, from information by U.S. Corps of Engineers.

REMARKS.--Records good. Some regulation by Lewis Smith Reservoir on Sipsey Fork (see sta 02451950), Bankhead lock and dam on Black Warrior River, usable capacity, 112,000 acre-ft (138 hm^3), Holt lock and dam on Black Warrior River, usable capacity, 115,000 acre-ft (142 hm^3), and lock and dam at gage.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9,950	3,810	9,980	83,100	76,400	105,000	143,000	30,300	16,800	7,410	27,000	7,230
2	8,960	4,460	11,300	88,000	49,700	95,600	133,000	30,400	15,900	8,420	38,000	4,950
3	8,100	3,830	15,000	82,800	41,700	76,700	129,000	25,400	12,800	9,930	37,000	5,670
4	7,500	4,150	14,300	83,600	43,300	44,200	125,000	23,100	12,800	10,200	40,000	6,570
5	6,840	4,390	12,900	80,700	63,200	36,400	124,000	23,100	12,300	9,150	38,000	7,440
6	7,440	3,760	11,900	76,700	79,200	31,000	121,000	24,900	11,100	6,590	38,000	6,810
7	5,700	4,030	14,100	72,600	87,900	28,900	113,000	27,100	13,400	8,170	40,000	7,170
8	3,910	5,600	19,500	90,100	91,100	27,900	99,600	30,000	11,100	9,530	38,200	8,570
9	4,740	7,210	23,000	91,200	92,900	27,000	88,800	34,200	9,140	9,730	33,600	6,650
10	5,380	5,910	25,300	95,000	89,000	26,000	82,000	37,000	15,000	15,000	29,100	8,000
11	4,490	7,830	26,400	98,900	85,100	25,000	75,200	37,900	20,900	24,700	24,500	8,570
12	4,480	10,400	25,200	110,000	71,500	24,000	72,700	36,600	20,800	20,300	22,700	7,830
13	3,940	9,080	22,300	108,000	61,300	28,900	64,900	33,600	24,200	20,500	23,400	8,840
14	4,190	7,860	19,100	109,000	50,600	49,400	63,000	27,700	27,300	18,900	21,400	5,870
15	6,600	7,720	19,300	112,000	44,600	66,200	77,500	22,500	29,500	16,100	17,300	5,420
16	6,300	8,250	16,900	120,000	50,100	89,000	85,300	21,900	34,700	14,300	15,000	6,670
17	5,390	6,830	16,500	124,000	82,300	98,000	92,300	28,900	31,700	11,800	14,100	8,660
18	5,120	7,020	17,100	122,000	89,400	102,000	94,600	40,800	27,800	10,300	15,300	9,720
19	5,270	6,720	19,200	118,000	95,400	108,000	93,200	46,300	22,100	9,840	18,700	6,740
20	5,360	9,550	18,600	117,000	98,500	112,000	84,300	44,400	18,400	10,400	20,000	8,130
21	5,610	14,700	17,000	116,000	98,800	120,000	62,700	39,600	14,800	10,900	18,800	9,750
22	5,090	18,000	12,800	107,000	101,000	124,000	42,000	34,200	14,700	13,300	17,200	10,100
23	4,480	19,500	11,300	99,900	106,000	127,000	34,000	30,400	16,600	13,900	15,400	13,800
24	3,920	17,800	49,400	80,800	109,000	135,000	29,500	25,300	13,700	11,900	13,500	24,500
25	4,280	16,100	72,000	82,300	108,000	146,000	25,700	21,700	12,500	13,400	10,300	22,800
26	4,050	13,300	94,800	86,500	110,000	155,000	24,100	18,000	10,500	11,600	9,870	20,100
27	3,760	11,900	94,300	90,800	110,000	159,000	21,900	13,100	9,650	13,200	9,750	21,200
28	4,340	12,400	95,900	94,400	109,000	158,000	20,900	13,300	9,520	17,200	9,080	17,600
29	3,760	10,500	96,800	96,500	--------	158,000	19,600	12,400	9,900	17,700	8,320	12,700
30	4,410	10,300	91,000	92,800	------	157,000	23,400	14,600	7,840	12,500	7,970	10,600
31	4,240	------	83,800	80,000	------	153,000	------	15,500	------	18,000	6,910	------
TOTAL	167,600	272,910	1,076,980	3,009,700	2,295,000	2,635,200	2,265,200	864,200	507,450	404,870	678,400	308,660
MEAN	5,406	9,097	34,740	97,087	81,960	85,010	75,510	27,880	16,920	13,060	21,880	10,290
MAX	9,950	19,500	96,800	124,000	110,000	159,000	143,000	46,300	34,700	24,700	40,000	24,500
MIN	3,760	3,760	9,980	72,600	41,700	24,000	19,600	12,400	7,840	6,590	6,910	4,950
CFSM	0.29	0.49	1.88	5.25	4.43	4.59	4.08	1.51	0.91	0.71	1.18	0.56
IN.	0.34	0.55	2.16	6.05	4.61	5.30	4.55	1.74	1.02	0.81	1.36	0.62

CAL YR 1974 TOTAL 14,583,760 MEAN 39,960 MAX 126,000 MIN 2,290 CFSM 2.16 IN. 29.31
WTR YR 1975 TOTAL 14,486,170 MEAN 39,690 MAX 159,000 MIN 3,760 CFSM 2.15 IN. 29.12

02469762 Tombigbee River below Coffeeville lock and dam, near Coffeeville, Ala.

LOCATION.--Lat 31°45'50", long 88°07'35", in sec. 12, T. 9 N., R. 2 W., Choctaw County, near right bank at downstream end of Coffeeville lock and dam, 4 mi (6 km) downstream from Turkey Creek, 2 mi (3 km) west of Coffeeville, and at mile 74.2 (119.4 km).

DRAINAGE AREA.--18,500 mi^2, approximately (48,000 km^2, approximately).

PERIOD OF RECORD.--August 1960 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. August 1960 to September 1971 in files of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is 14.00 ft (4.267 m) below mean sea level.

EXTREMES.--Maximum and minimum gage heights (at 0700) for water years 1972-75 are contained in the following table:

Water year	Maximum			Minimum		
	Date	Gage height (feet)	Gage height (metres)	Date	Gage height (feet)	Gage height (metres)
1972	Jan. 19, 1972	55.1	16.79	Aug. 30, 1972	15.0	4.57
1973	Apr. 2, 3, 1973	58.7	17.89	Oct. 20, 1972	14.8	4.51
1974	Jan. 7, 1974	53.7	16.37	Oct. 24, 1973	15.7	4.79
1975	Mar. 28, 29, 1975	55.5	16.92	Nov. 7, 1974	15.6	4.75

Period of record: Maximum, 64.2 ft (19.57 m) Mar. 4, 1961; minimum, 14.0 ft (4.27 m) Oct. 30, 1963, Oct. 29, 1968.

COOPERATION.--Records furnished by Corps of Engineers

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.80	16.80	20.60	46.20	46.60	49.90	54.10	29.00	23.70	18.40	31.00	18.70
2	20.00	16.60	20.20	45.50	43.40	49.20	53.30	30.50	24.00	19.00	35.20	18.00
3	19.00	16.70	21.40	45.60	39.20	47.60	52.70	29.90	22.60	19.40	36.60	17.30
4	18.70	16.50	22.80	45.50	37.10	44.10	52.30	28.80	22.20	19.70	36.70	17.70
5	17.70	16.80	21.90	45.30	39.10	39.40	51.90	27.90	21.80	20.60	36.40	18.40
6	17.70	16.20	21.70	45.00	42.40	36.20	51.50	28.40	21.80	19.20	36.00	18.50
7	17.10	15.60	21.40	44.50	44.30	34.20	50.90	29.20	21.40	19.20	36.50	19.10
8	16.20	15.80	23.00	45.00	45.40	32.50	49.80	30.00	21.60	18.40	36.00	19.90
9	15.80	16.70	25.20	46.80	46.20	31.40	48.30	31.20	20.30	21.20	35.00	19.60
10	16.30	17.40	26.20	48.10	46.60	30.30	46.70	32.90	21.20	25.80	34.40	18.90
11	16.00	17.60	27.30	49.20	46.50	28.90	45.70	33.80	24.60	27.20	31.10	19.80
12	16.50	18.50	27.80	49.80	45.50	28.50	45.00	33.60	25.90	26.70	29.00	19.40
13	16.00	19.50	26.90	50.10	43.30	29.00	43.90	32.90	26.50	26.10	28.00	19.80
14	16.20	18.30	25.90	50.40	41.30	32.30	42.10	31.30	28.10	26.10	28.10	19.30
15	16.80	17.90	24.70	50.50	38.40	39.10	44.50	29.40	29.10	24.70	26.70	18.20
16	17.20	18.20	25.10	50.80	37.50	43.20	46.00	28.30	30.50	23.50	25.30	17.80
17	16.80	17.80	24.90	51.10	43.40	45.80	47.10	28.80	30.60	22.20	24.20	18.70
18	17.10	18.30	24.40	51.40	46.00	47.40	47.50	31.90	30.00	21.00	24.00	20.20
19	16.60	18.10	24.60	51.60	47.30	49.00	47.60	34.60	28.40	20.00	24.70	19.30
20	16.40	18.40	24.50	51.60	48.00	50.10	46.80	35.80	26.60	19.80	25.60	18.90
21	16.50	21.00	24.80	51.20	48.20	50.80	45.40	35.00	24.70	20.30	25.00	19.70
22	16.00	22.50	23.80	50.60	48.60	51.60	41.10	33.40	23.10	21.10	24.70	19.80
23	16.50	23.90	22.10	49.80	49.00	52.20	37.00	31.70	23.30	22.40	24.10	20.40
24	16.00	24.40	26.90	48.60	49.50	52.70	35.00	30.00	23.20	22.30	23.00	25.30
25	16.10	23.70	39.20	46.70	49.90	53.80	32.90	28.20	22.20	21.80	21.70	27.40
26	16.20	22.70	43.60	46.40	50.20	54.50	31.20	26.30	20.50	23.00	20.40	26.70
27	16.10	21.40	45.20	46.90	50.20	55.20	29.60	24.30	20.50	21.70	20.40	26.60
28	16.60	20.90	46.00	47.30	50.20	55.50	28.20	22.70	19.50	22.80	20.40	26.70
29	16.80	20.60	46.60	47.60	------	55.50	27.00	22.00	19.60	23.70	19.90	24.90
30	16.90	20.00	46.80	47.90	------	55.40	26.90	22.40	19.60	23.90	19.50	24.10
31	17.00	------	46.60	47.70	------	54.90	------	23.20	------	24.90	18.80	------
MAX	21.8	24.4	46.8	51.6	50.2	55.5	54.1	35.8	30.6	27.2	36.7	27.4
MIN	15.8	15.6	20.2	44.5	37.1	28.5	26.9	22.0	19.5	18.4	18.8	17.3

CAL YR 1974 MAX 53.7 MIN 15.6
WTR YR 1975 MAX 55.5 MIN 15.6

02469762 Tombigbee River below Coffeeville lock and dam, near Coffeeville, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.90	16.60	30.40	50.00	51.50	46.90	39.30	29.50	40.20	18.70	18.20	20.50
2	24.90	16.20	33.40	50.90	51.40	45.60	40.70	27.80	38.40	17.70	17.80	23.40
3	24.70	16.20	34.00	51.70	51.40	43.00	43.30	26.30	36.70	18.20	17.70	27.00
4	23.50	16.20	34.00	52.60	51.30	39.40	44.00	24.30	35.50	18.40	18.10	28.40
5	19.30	16.50	35.00	53.30	51.30	36.00	44.20	22.90	34.00	18.40	18.20	28.00
6	18.30	16.40	36.00	53.60	51.20	33.70	44.40	22.10	33.90	17.80	17.50	27.00
7	17.20	16.40	36.20	53.70	51.30	32.40	44.90	21.20	37.50	17.70	17.50	25.60
8	17.40	16.80	36.30	53.40	51.20	31.10	45.40	21.40	39.60	18.20	17.50	28.90
9	17.00	17.50	36.10	52.90	51.00	30.10	45.70	21.60	40.00	18.50	19.80	39.60
10	16.80	18.00	34.70	52.30	50.80	29.10	45.50	21.90	39.60	18.20	20.70	43.60
11	16.90	19.80	31.60	51.70	50.40	28.20	44.80	22.30	38.90	19.10	19.80	44.90
12	17.30	21.20	27.40	51.30	50.10	27.20	42.70	23.30	38.00	19.40	19.30	44.40
13	17.60	20.40	25.00	51.00	49.80	27.70	44.00	24.80	36.60	19.70	18.60	41.60
14	17.50	20.10	23.50	50.90	49.20	27.90	47.60	26.70	36.60	19.40	19.90	37.20
15	17.00	19.20	22.30	51.00	47.80	28.20	49.60	28.60	36.60	19.10	23.50	32.90
16	16.70	17.90	21.50	51.00	46.00	27.90	50.60	29.00	34.90	18.00	23.90	30.30
17	16.90	17.40	20.30	51.20	45.40	26.90	51.40	29.00	32.30	18.40	23.90	27.10
18	17.00	16.70	19.40	51.20	45.70	24.60	52.00	29.50	29.90	18.40	22.60	25.60
19	17.20	16.70	20.80	51.10	46.30	23.00	52.60	30.30	27.10	18.60	22.10	24.00
20	16.70	16.90	22.60	51.00	46.90	24.30	53.20	30.10	25.00	18.70	20.60	22.70
21	16.80	18.00	26.20	51.20	47.50	29.40	53.50	29.30	24.30	18.40	19.20	21.80
22	16.40	20.60	27.70	51.10	48.20	34.20	53.40	29.70	24.00	18.20	18.50	20.00
23	16.90	23.60	27.90	51.10	48.60	36.70	52.90	31.60	23.20	17.40	18.10	20.10
24	15.70	24.10	27.30	51.00	48.80	37.30	52.10	33.40	22.00	17.70	17.50	18.00
25	16.20	24.90	26.40	51.00	48.70	36.60	50.70	32.80	20.40	17.90	17.20	17.60
26	16.90	25.00	29.00	51.10	48.40	35.10	48.20	32.60	21.30	17.80	17.30	17.70
27	16.80	23.60	41.70	51.20	48.10	34.50	40.00	32.00	22.10	17.80	16.60	25.20
28	16.70	25.00	44.90	51.20	47.70	35.70	38.90	33.80	21.70	18.00	16.10	27.40
29	16.00	28.20	46.60	51.20	------	35.00	34.70	37.10	21.60	18.20	17.30	25.30
30	16.10	31.30	47.80	51.40	------	36.00	31.70	39.40	20.20	17.80	17.60	23.60
31	15.90	------	49.00	51.50	------	38.00	------	40.70	------	18.50	18.10	------
MAX	24.9	31.3	49.0	53.7	51.5	46.9	53.5	40.7	40.2	19.7	23.9	44.9
MIN	15.7	16.2	19.4	50.0	45.4	23.0	31.7	21.2	20.2	17.4	16.1	17.6

CAL YR 1973 MAX 58.7 MIN 15.4
WTR YR 1974 MAX 53.7 MIN 15.7

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.40	18.30	22.20	37.70	42.00	28.50	58.40	49.70	40.30	22.30	21.40	19.80
2	16.40	17.40	22.70	39.00	40.80	27.40	58.70	49.90	40.10	20.10	22.80	19.50
3	17.10	17.60	23.40	40.70	40.10	27.10	58.70	50.10	40.60	18.40	22.30	18.50
4	16.80	16.70	22.50	41.50	40.80	27.70	58.30	50.00	40.40	19.10	21.00	17.50
5	16.90	16.50	22.60	41.80	41.40	28.70	57.70	49.40	36.40	20.20	21.00	17.30
6	17.00	17.40	21.80	41.30	42.30	29.50	57.00	48.40	34.00	23.20	19.70	19.70
7	16.80	17.20	24.20	41.20	42.30	34.50	56.40	47.00	35.60	25.40	18.80	19.60
8	16.40	17.50	24.70	42.20	41.50	44.40	56.40	46.00	35.20	26.80	18.60	18.90
9	15.90	16.50	24.30	44.20	40.20	44.90	56.20	46.30	36.00	28.90	18.90	18.10
10	16.00	17.00	24.00	45.70	39.60	43.70	55.40	46.20	35.70	27.50	19.30	17.70
11	15.90	18.40	22.50	47.00	38.40	41.50	54.60	46.10	34.10	25.70	19.10	17.00
12	15.90	18.30	23.20	47.70	37.40	41.00	53.60	45.40	30.90	26.30	18.90	17.30
13	16.00	17.40	29.00	48.30	36.80	41.90	52.60	44.20	29.30	26.80	18.30	17.80
14	15.90	18.70	30.40	48.90	36.50	42.50	51.30	41.60	30.10	27.70	17.90	18.50
15	15.50	19.30	31.10	49.30	39.40	42.90	49.40	37.60	30.60	27.40	23.00	17.70
16	14.90	18.60	33.60	49.50	40.70	43.00	46.20	34.70	30.90	28.40	22.40	17.10
17	15.40	18.40	36.60	49.40	42.10	44.20	42.20	32.50	29.90	27.40	21.70	16.30
18	15.20	18.90	38.90	49.00	43.20	45.30	38.80	30.40	29.40	29.40	22.50	16.00
19	15.30	18.40	40.40	48.40	44.10	45.50	39.40	28.10	28.00	29.30	21.90	15.90
20	14.80	18.40	41.00	47.60	44.40	47.30	39.90	26.50	27.60	30.30	20.30	15.60
21	15.20	17.60	41.70	46.20	44.30	48.10	40.40	25.00	28.90	30.30	18.30	15.60
22	15.80	20.00	43.20	44.60	43.80	48.70	40.20	25.80	33.00	28.90	19.70	17.10
23	17.30	20.60	43.90	44.30	43.10	49.40	39.50	27.20	33.10	27.40	18.00	17.00
24	17.40	20.10	43.90	44.50	42.10	50.00	37.60	28.30	32.50	24.90	17.90	16.80
25	15.90	19.90	43.30	45.00	40.90	51.10	36.80	29.00	31.50	23.60	17.60	16.20
26	15.40	20.80	42.30	45.50	37.80	52.20	44.00	29.10	29.00	22.60	17.90	15.40
27	17.00	23.00	39.60	45.80	33.30	53.10	46.90	34.80	25.70	23.20	17.00	15.90
28	18.20	22.70	34.80	45.80	31.20	54.20	48.00	34.30	24.60	23.20	16.30	16.60
29	17.30	23.70	31.90	45.30	------	55.40	48.70	38.40	24.40	21.80	17.20	16.60
30	16.40	23.50	30.30	44.40	------	56.40	49.30	39.60	23.50	21.30	18.10	17.00
31	17.40	------	30.80	43.30	------	57.60	------	40.00	------	19.90	19.50	------
MAX	18.2	23.7	43.9	49.5	44.4	57.6	58.7	50.1	40.6	30.3	23.0	19.8
MIN	14.8	16.5	21.8	37.7	31.2	27.1	36.8	25.0	23.5	18.4	16.3	15.4

CAL YR 1972 MAX 55.1 MIN 14.8
WTR YR 1973 MAX 58.7 MIN 14.8

02469762 Tombigbee River below Coffeeville lock and dam, near Coffeeville, Ala.--Continued

GAGE HEIGHT, IN FEET, AT 0700, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.20	16.40	16.60	26.70	39.60	25.50	29.10	21.20	17.40	19.80	20.00	15.40
2	19.40	16.50	16.40	26.50	40.00	33.20	29.10	20.10	16.90	20.60	19.10	15.80
3	19.10	17.60	22.00	27.40	39.90	40.20	30.10	20.60	18.10	21.70	18.00	15.60
4	18.00	16.10	28.40	32.90	41.10	42.20	27.30	20.70	18.10	20.00	17.90	15.70
5	16.90	16.20	28.80	40.50	40.90	42.70	27.50	19.60	17.50	18.70	17.00	15.60
6	17.10	16.10	27.70	44.40	38.50	43.50	27.20	19.20	16.90	18.20	17.10	15.20
7	17.50	16.20	37.40	46.40	39.00	42.00	28.20	19.30	16.30	18.60	16.40	16.70
8	18.00	15.50	41.40	47.60	40.60	41.00	28.70	20.30	17.00	18.60	16.40	16.40
9	17.30	15.90	43.50	48.40	41.50	40.80	28.20	21.00	17.60	18.20	16.70	16.20
10	16.30	15.80	44.60	49.20	41.40	41.00	27.00	21.50	17.10	18.00	16.40	16.60
11	15.70	15.60	45.40	50.20	40.50	41.30	25.90	23.70	17.10	17.80	16.40	16.20
12	15.70	17.20	45.50	51.30	38.00	41.50	24.70	24.50	16.90	16.90	16.50	15.60
13	15.60	16.60	44.70	52.30	36.70	41.30	25.10	26.30	16.90	16.70	16.40	15.90
14	15.70	16.40	42.90	53.20	36.10	40.70	25.40	29.20	17.00	16.40	15.70	15.80
15	15.70	16.30	39.70	53.80	35.00	39.20	23.50	31.30	17.10	17.30	15.50	15.50
16	15.90	16.90	38.50	54.30	34.00	36.20	21.30	31.90	17.30	17.80	16.50	16.00
17	15.80	16.60	37.20	54.70	33.10	34.60	23.60	30.40	17.60	16.70	16.10	17.00
18	15.70	16.90	37.50	54.90	33.30	33.20	22.00	28.60	16.90	17.40	16.40	16.80
19	16.20	17.20	38.30	55.10	33.40	32.10	21.60	26.00	16.30	16.40	16.50	16.20
20	16.10	16.60	39.20	54.90	33.90	31.40	22.30	24.50	16.50	17.40	16.90	16.90
21	16.00	16.50	41.30	55.00	32.90	30.80	21.90	23.40	16.50	17.30	16.40	17.30
22	16.30	15.30	41.60	54.40	31.70	29.20	25.00	21.60	16.60	17.80	16.50	18.50
23	16.00	15.50	41.20	53.50	29.80	27.80	26.80	20.30	16.40	17.60	16.00	17.40
24	16.90	16.30	40.00	51.90	28.80	27.30	25.40	20.50	16.40	16.50	16.00	17.20
25	16.60	16.70	36.90	49.20	28.00	26.10	25.40	19.00	16.00	16.30	16.10	17.20
26	16.70	16.90	33.50	44.70	27.90	26.10	26.70	17.60	16.10	17.70	15.80	16.60
27	16.60	16.70	31.10	38.70	27.20	25.60	27.40	18.70	16.60	17.30	15.10	16.60
28	15.90	16.60	28.60	35.10	26.50	24.80	27.40	17.40	17.60	17.80	15.70	16.50
29	16.30	18.00	27.80	33.00	25.10	27.60	26.20	17.70	18.90	17.50	15.70	16.30
30	16.00	17.40	26.90	33.20	------	29.00	24.20	17.90	20.20	17.00	15.00	17.10
31	16.40	------	26.40	38.00	------	28.00	------	18.00	------	17.30	15.20	------
MAX	20.2	18.0	45.5	55.1	41.5	43.5	30.1	31.9	20.2	21.7	20.0	18.5
MIN	15.6	15.3	16.4	26.5	25.1	24.8	21.3	17.4	16.0	16.3	15.0	15.2

WTR YR 1972 MAX 55.1 MIN 15.0

02469800 Satilpa Creek near Coffeeville, Ala.

LOCATION.--Lat 31°44'39", long 88°01'21", in SE¼ sec. 13, T. 9 N., R. 1 W., Clarke County, near left bank on downstream side of bridge on State Highway 12, 0.2 mi (0.3 km) upstream from unnamed tributary, 3 mi (4.8 km) downstream from Harris Creek, and 3.8 mi (6.1 km) east of Coffeeville.

DRAINAGE AREA.--166 mi^2 (430 km^2).

PERIOD OF RECORD.--June 1956 to September 1970. Flood hydrograph and low flow, water years 1971-74. October 1974 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 80 ft (24.4 m) from topographic map.

AVERAGE DISCHARGE.--15 years (1956-70, 1975), 206 ft^3/s (5.834 m^3/s), 16.85 in/yr (428 mm/yr).

EXTREMES.--Current year: Maximum discharge, 6,570 ft^3/s (186 m^3/s) Feb. 17 (gage height, 14.33 ft or 4.368 m); minimum, 33 ft^3/s (0.935 m^3/s) Sept. 5.
Period of record: Maximum discharge, 25,600 ft^3/s) (725 m^3/s) July 8, 1956 (gage height, 18.37 ft or 5.599 m); minimum, 4.8 ft^3/s (0.136 m^3/s) Oct. 21, 1963.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	193	78	469	250	278	332	304	456	165	48	1,780	68
2	159	74	255	236	270	316	342	244	122	42	2,470	53
3	135	70	203	224	259	285	800	189	87	40	1,150	42
4	121	69	174	405	285	283	509	299	72	51	396	37
5	111	70	158	316	641	316	346	455	65	53	288	34
6	103	74	164	248	419	277	296	741	61	41	314	81
7	96	73	234	234	307	263	265	332	69	37	258	129
8	90	70	269	2,270	267	252	273	507	72	36	201	133
9	85	74	190	5,370	260	229	442	427	71	38	160	77
10	80	75	166	2,740	266	227	356	282	154	41	162	57
11	76	113	165	2,470	252	235	520	218	228	55	247	49
12	73	221	222	2,660	255	265	329	178	374	74	160	49
13	71	123	194	1,620	227	267	263	158	279	49	123	58
14	69	101	169	828	210	825	786	160	151	37	109	50
15	127	123	427	604	203	417	2,620	374	116	38	98	41
16	398	116	786	509	828	934	1,610	420	163	36	85	38
17	169	135	358	452	4,460	1,700	539	582	113	36	75	55
18	116	327	272	412	4,010	1,210	402	282	118	36	69	355
19	99	203	271	387	1,710	1,760	342	194	104	36	73	129
20	87	246	369	533	855	834	296	159	86	54	70	78
21	79	307	327	399	588	486	265	136	79	179	67	60
22	74	186	264	341	492	414	237	120	66	189	58	55
23	72	148	252	340	561	374	221	113	59	80	56	452
24	71	133	1,400	412	895	548	211	97	56	50	57	481
25	70	143	2,580	778	538	837	206	88	48	40	53	190
26	68	175	915	780	423	413	190	80	44	45	82	129
27	66	141	466	443	378	338	176	74	43	44	89	102
28	64	127	376	369	347	312	165	80	44	56	61	87
29	68	120	330	335	------	304	153	72	79	48	49	76
30	79	326	295	313	------	453	271	137	65	45	44	70
31	89	------	268	295	------	408	------	311	------	500	44	------
TOTAL	3,258	4,241	12,988	27,573	20,484	16,114	13,735	7,965	3,253	2,154	8,948	3,315
MEAN	105	141	419	889	732	520	458	257	108	69.5	289	111
MAX	398	327	2,580	5,370	4,460	1,760	2,620	741	374	500	2,470	481
MIN	64	69	158	224	203	227	153	72	43	36	44	34
CFSM	.63	.85	2.52	5.36	4.41	3.13	2.76	1.55	.65	.42	1.74	.67
IN.	.73	.95	2.91	6.18	4.59	3.61	3.08	1.78	.73	.48	2.01	.74

WTR YR 1975 TOTAL 124,028 MEAN 340 MAX 5,370 MIN 34 CFSM 2.05 IN 27.79

PEAK DISCHARGE (BASE, 2,600 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-09	0700	14.14	6,000	4-15	1500	12.91	2,900
2-17	1800	14.33	6,570	8-02	0400	13.21	3,500

02471001 Chickasaw Creek near Kushla, Ala.

LOCATION.--Lat 30°48'10", long 88°08'36", in NE¼ sec. 11, T. 3 S., R. 2 W., Mobile County, on left bank at upstream side of highway bridge, 0.7 mi (1.1 km) upstream from Seabury Creek, 1.4 mi (2.3 km) southeast of Kushla, 7 mi (11 km) northwest of Mobile, and at mile 12.2 (19.6 km).

DRAINAGE AREA.--125 mi^2 (324 km^2).

PERIOD OF RECORD.--October 1951 to current year. Prior to October 1968, published as "near Whistler."

GAGE.--Water-stage recorder. Datum of gage is 3.85 ft (1.173 m) above mean sea level. Prior to Aug. 2, 1964, water-stage recorder, Aug. 3, 1964, to Dec. 9, 1965, nonrecording gage, and Dec. 10, 1965, to September 1968, water-stage recorder at site 1.4 mi (2.3 km) upstream at different datum.

AVERAGE DISCHARGE.--24 years, 266 ft^3/s (7.533 m^3/s), 28.90 in/yr (734 mm/yr).

EXTREMES.--Current year: Maximum discharge, 7,270 ft^3/s (206 m^3/s) Aug. 1 (gage height, 17.79 ft or 5.422 m); minimum, 98 ft^3/s (2.78 m^3/s) Oct. 11.

Period of record: Maximum discharge, 42,000 ft^3/s (1,190 m^3/s) Apr. 13, 1955 (gage height, 25.4 ft or 7.74 m, from flood-marks, site and datum then in use), from rating curve extended above 10,600 ft^3/s (300 m^3/s) on basis of slope-area measurement of peak flow; minimum, 18 ft^3/s (0.51 m^3/s) Sept. 3, 4, 1954.

REMARKS.--Records fair.

REVISIONS.--WSP 1434: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	118	166	674	169	168	250	517	1,080	488	188	5,980	322
2	114	134	351	160	167	237	372	684	360	199	4,770	266
3	112	124	220	156	165	225	332	406	307	212	1,450	216
4	110	122	181	207	436	363	289	708	256	299	1,070	206
5	109	158	162	230	2,270	853	263	700	227	206	1,060	216
6	109	185	152	182	1,790	693	248	488	223	176	940	362
7	107	154	261	163	760	398	236	605	300	158	1,050	686
8	105	130	372	856	512	362	258	3,410	544	146	1,790	751
9	104	127	242	1,180	414	308	597	2,720	461	167	1,290	403
10	102	125	184	748	370	269	1,060	1,090	344	180	757	318
11	100	140	166	750	335	268	2,190	894	360	168	649	292
12	102	261	165	687	365	264	1,090	606	570	170	571	335
13	102	198	162	526	465	256	570	575	469	217	482	349
14	101	141	154	386	338	465	754	532	328	167	557	310
15	113	138	355	304	281	397	1,200	810	280	159	700	230
16	241	140	634	269	922	680	763	908	265	147	588	199
17	249	158	380	248	1,360	920	503	617	234	138	428	272
18	165	510	231	233	880	1,350	402	464	207	141	365	302
19	129	352	205	224	930	1,930	353	390	193	161	348	228
20	117	285	314	226	709	1,130	313	346	184	191	396	183
21	111	412	428	208	487	669	308	316	178	240	546	168
22	110	276	294	195	400	528	319	295	174	190	591	253
23	109	178	227	216	388	459	269	274	196	179	439	778
24	109	150	397	293	402	443	248	256	221	150	372	832
25	108	149	434	273	347	439	238	242	208	142	311	492
26	108	190	305	237	293	351	217	229	200	426	275	305
27	108	161	248	204	272	308	201	217	211	571	253	244
28	106	142	219	188	258	304	185	280	272	293	242	210
29	108	134	205	181	------	315	176	390	236	240	259	193
30	171	326	190	175	------	439	484	627	192	280	289	194
31	245	------	177	172	------	735	------	618	------	1,190	358	------
TOTAL	3,902	5,866	8,689	10,246	16,484	16,608	14,955	21,777	8,688	7,491	29,176	10,115
MEAN	126	196	280	331	589	536	499	702	290	242	941	337
MAX	249	510	674	1,180	2,270	1,930	2,190	3,410	570	1,190	5,980	832
MIN	100	122	152	156	165	225	176	217	174	138	242	168
CFSM	1.01	1.57	2.24	2.65	4.71	4.29	3.99	5.62	2.32	1.94	7.53	2.70
IN.	1.16	1.75	2.59	3.05	4.91	4.94	4.45	6.48	2.59	2.23	8.68	3.01

CAL YR 1974 TOTAL 107,333 MEAN 294 MAX 3,530 MIN 57 CFSM 2.35 IN 31.94
WTR YR 1975 TOTAL 153,997 MEAN 422 MAX 5,980 MIN 100 CFSM 3.38 IN 45.83

PEAK DISCHARGE (BASE, 1,500 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-05	2200	14.89	2,940	5-08	1900	16.34	4,460
3-19	0900	12.40	1,960	8-01	1500	17.79	7,270
4-11	1600	14.40	2,680	8-08	1900	13.39	2,140

Reservoirs in Mobile River Basin

02393500 ALLATOONA RESERVOIR.--Lat 34°09'46", long 84°43'40", Bartow County, Ga., at Forebay of dam on Etowah River, 2.8 mi (4.5 km) upstream from Nashville, Chattanooga & St. Louis Railway bridge, 4 mi (6 km) east of Cartersville, Ga., and 6 mi (10 km) upstream from Pumpkinvine Creek. Drainage area, 1,110 mi^2, approximately (2,870 km^2, approximately). Period of record, December 1949 to current year. Water-stage recorder. Datum of gage is at mean sea level (levels by Corps of Engineers). Extremes for current year: Maximum contents, 400,000 acre-ft (493 hm^3) Apr. 3 (elevation, 842.66 ft or 256.84 m); minimum, 200,900 acre-ft (248 hm^3) Jan. 3 (elevation, 822.75 ft or 250.77 m). Extremes for period of record: Maximum contents, 693,800 acre-ft (855 hm^3) Apr. 10, 1964 (elevation, 861.19 ft or 262.491 m); minimum, 119,600 acre-ft (147 hm^3) Dec. 4, 1954 (elevation, 809.34 ft or 246.687 m).

Reservoir is formed by concrete gravity dam. Spillway (crest elevation, 835.0 ft or 254.51 m) is equipped with nine taintor gates 40 ft (12.2 m) wide by 25 ft (7.6 m) high, and two taintor gates 20 ft (6.1 m) wide by 25 ft (7.6 m) high. There are four sluices 5.67 ft (1.728 m) wide by 10 ft (3.0 m) high and one sluice 4 ft (1.2 m) in diameter. Storage began Dec. 27, 1949; water in reservoir first reached minimum pool elevation Feb. 5, 1950. Total capacity at elevation 860.0 ft or 262.13 m (top of gates) is 670,000 acre-ft (826 hm^3), of which 587,100 acre-ft (724 hm^3) is controlled storage above elevation 800.0 ft or 243.84 m (minimum pool). Reservoir is used for flood control and power. Gage-height record and capacity table furnished by Corps of Engineers.

02399499 WEISS RESERVOIR.--Lat 34°10'19", long 85°45'14", in SE¼ sec. 12, T. 10 S., R. 8 E., Cherokee County, about 75 ft (23 m) upstream from centerline of left end of Weiss Dam on Coosa River, on U.S. Highway 411, 1.2 mi (1.9 km) east of Leesburg, Ala., and 4 mi (6 km) upstream from Yellow Creek, and at mile 226.10 (363.80 km). Drainage area, 5,270 mi^2, approximately (13,650 km^2, approximately). Period of record, March 1961 to current year. Water-stage recorder with remote indicating gages referenced to vertical staff gage. Datum of gage is mean sea level. Extremes for current year: Maximum daily contents, 308,500 acre-ft (380 hm^3) May 4 (elevation, 564.07 ft or 171.928 m); minimum daily, 128,800 acre-ft (159 hm^3) Jan. 1 (elevation, 556.40 ft or 169.591 m). Extremes for period of record: Maximum daily contents, 484,300 acre-ft (597 hm^3) Apr. 15, 1964 (elevation, 569.11 ft or 173.465 m); minimum daily contents, 127,200 acre-ft (157 hm^3) Jan. 1, 1970 (elevation, 556.31 ft or 169.563 m).

Reservoir is formed by a compacted earth dam with a concrete gated spillway section. Spillway is equipped with five taintor gates 40 ft (12.2 m) wide by 38 ft (11.6 m) high. Storage began Mar. 28, 1961. Total capacity at elevation 564 ft (171.9 m) is 360,400 acre-ft (444 hm^3). Reservoir is used for power development and flood control. Gage-height record and capacity table furnished by Alabama Power Co.

02401620 H. NEELY HENRY RESERVOIR.--Lat 33°47'02", long 86°03'10", in N½ sec. 31, T. 14 S., R. 6 E., Calhoun County, at forebay of Henry Dam on Coosa River, near Ohatchee, Ala., and 16 mi (26 km) south of Gadsden, Ala. Drainage area, 6,590 mi^2 (17,070 km^2) (determined by Corps of Engineers). Period of record, April 1966 to current year. Water-stage recorder. Datum of gage is at mean sea level (levels by Alabama Power Co.). Extremes for current year: Maximum daily contents, 120,900 acre-ft (149 hm^3) July 20 (elevation, 508.01 ft or 154.841 m); minimum daily, 69,600 acre-ft (85.8 hm^3) Mar. 16 (elevation, 502.48 ft or 153.156 m). Extremes for period of record: Maximum daily contents, 126,800 acre-ft (156 hm^3) Oct. 19, 1966 (elevation, 508.52 ft or 155.000 m); minimum daily contents, 51,890 acre-ft (64.0 hm^3) Apr. 2, 1966 (elevation, 499.88 ft or 152.363 m).

Reservoir is formed by a compacted earth dam with a concrete gated spillway section. Spillway is equipped with six taintor gates 40 ft (12.2 m) wide by 29 ft (8.8 m) high. Storage began Feb. 23, 1966. Total capacity at elevation 508 ft (154.84 m) is 120,850 acre-ft (149 hm^3). Reservoir is used for power development and flood control. Gage-height record and capacity table furnished by Alabama Power Co.

02405200 LOGAN MARTIN RESERVOIR.--Lat 33°24'33", long 86°20'17", in NW¼ sec. 33, T. 18 S., R. 3 E., St. Clair County, at Logan Martin Dam on Coosa River, 2 mi (3 km) upstream from Kelly Creek, and 10 mi (16 km) north of Childersburg, Ala. Drainage area, 7,770 mi^2, approximately (20,124 km^2, approximately). Period of record, July 1964 to current year. Water-stage recorder. Datum of gage is mean sea level. Extremes for current year: Maximum daily contents, 309,500 acre-ft (382 hm^3) Sept. 25 (elevation, 467.24 ft or 142.415 m); minimum daily, 195,700 acre-ft (241 hm^3) Dec. 2 (elevation, 459.13 ft or 139.943 m). Extremes for period of record: Maximum daily contents, 407,800 acre-ft (503 hm^3) Mar. 24, 1970 (elevation, 472.36 ft or 143.976 m); minimum daily contents, 186,100 acre-ft (229 hm^3) Oct. 17, 1972 (elevation, 458.27 ft or 139.681 m).

Reservoir is formed by a compacted earth dam with gated concrete spillway section. Spillway is equipped with six taintor gates 40 ft (12.2 m) wide by 38 ft (11.6 m) high and one stoney-type trash gate 20 ft (6.1 m) wide by 22.5 ft (6.86 m) high. Storage began June 21, 1964. Total capacity at elevation 465 ft or 141.7 m (top of power pool) is 273,300 acre-ft (337 hm^3), of which 142,197 acre-ft (175 hm^3) is usable storage above elevation 452.5 ft or 137.92 m (minimum pool). Reservoir is used for power development and flood control. Gage-height record and capacity tables furnished by Alabama Power Co.

02407950 LAY LAKE.--Lat 32°57'54", long 86°31'03", in NE¼ sec. 24, T. 23 N., R. 15 E., Chilton County, at Lay Dam on Coosa River, 0.5 mi (0.8 km) upstream from Page Creek, and 11 mi (18 km) northeast of Clanton. Drainage area, 9,090 mi^2, approximately (23,540 km^2, approximately). Water-stage recorder with remote indicating gages. Prior to May 14, 1968, staff gage. Datum of gage is mean sea level, datum of 1929. Levels by Alabama Power Co. Prior to Jan. 1, 1966, at old Coosa River datum, 37.9 ft (11.55 m) lower.

Reservoir is formed by a concrete gravity-type dam equipped with 26 radial gates 30 ft (9.1 m) wide by 17 ft (5.2 m) high. The pool was filled on Jan. 4, 1968. Total capacity at elevation 396.0 ft or 120.70 m (top of gates) is 262,774 acre-ft (32.4 hm^3), of which 117,780 acre-ft (14.5 hm^3) is controlled storage above elevation 382.0 ft or 116.43 m (minimum pool). Prior to May 14, 1968, reservoir was formed by a concrete gravity-type dam, completed April 1914. Dam was equipped with 26 vertical lift gates 30 ft (9.1 m) wide by 14 ft (4.3 m) high. Total capacity at elevation 382.0 ft or 116.43 m was 144,994 acre-ft (17.9 hm^3). Reservoir is used for power development. Gage-height record and capacity table furnished by Alabama Power Co.

02409400 MITCHELL LAKE.--Lat 32°48'30", long 86°26'30", in NE¼ sec. 15, T. 21 N., R. 16 E., Chilton County, at Mitchell Dam on Coosa River, 5 mi (8 km) downstream from Hatchet Creek, and 11 mi (18 km) southeast of Clanton, Ala. Drainage area, 9,830 mi^2, approximately (25,460 km^2, approximately). Staff gage. Datum of gage is mean sea level, datum of 1929. Levels by Alabama Power Co. Prior to Jan. 1, 1966, at old Coosa River datum 38.08 ft (11.607 m) lower.

Reservoir is formed by a concrete gravity-type dam, completed August 1923, equipped with 26 radial gates 30 ft (9.1 m) wide and 15 ft (4.6 m) high. Total storage at elevation 311.9 ft or 95.07 m (top of power pool) is 172,000 acre-ft (21.2 hm^3), of which 33,300 acre-ft (4.11 hm^3) is usable storage above elevation 305.9 ft or 93.24 m. Reservoir is used for power development. Gage-height record and capacity table furnished by Alabama Power Co.

Reservoirs in Mobile River basin--Continued

02410400 JORDAN LAKE.--Lat 32°37'07", long 86°15'19", in N½ sec. 22, T. 19 N., R. 18 E., Elmore County, at Jordan Dam on Coosa River, 4 mi (6 km) upstream from Pigeonroost Creek, and 5 mi (8 km) northwest of Wetumpka, Ala. Drainage area, 10,200 mi^2, approximately (26,400 km^2, approximately). Water-stage recorder with remote indicating gages. Prior to February 1967, staff gage. Datum of gage is at mean sea level (levels by Alabama Power Co.). Prior to Jan. 1, 1966, at old Coosa River datum, 38.0 ft (11.58 m) lower.

Reservoir, completed January 1929, is formed by a concrete arch-type dam equipped with 17 taintor gates 30 ft (9.1 m) wide by 18 ft (5.5 m) high and 18 taintor gates 34 ft (10.4 m) wide and 8.1 ft (2.47 m) high. Prior to Mar. 25, 1967, the dam was equipped with 17 radial gates 30 ft (9.1 m) wide by 18 ft (5.5 m) high and 642 ft (195.7 m) open-crest spillway.

Bouldin Hydro Plant (completed February 1967) - Lat 32°34'58", long 86°17'02", in SE¼ sec. 32, T. 19 N., R. 18 E., Elmore County, also utilizes the water from Jordan Reservoir through a canal approximately 1 mi (2 km) north of Jordan Dam joining the Bouldin Hydro Plant forebay with Jordan Reservoir. The discharge from Bouldin Hydro Plant flows through a 4.5 mi (7.2 km) canal to the Coosa River at approximately 7 mi (11 km) downstream from Wetumpka. There are no facilities at Bouldin Hydro Plant for releasing hydraulic flows in excess of generating capabilities of Jordan and Bouldin Hydro Plants. Total storage at elevation 252.0 ft or 76.81 m is 236,200 acre-ft (291 hm^3), of which 58,000 acre-ft (0.072 hm^3) is usable storage above elevation 242.0 ft or 73.76 m. Reservoir is used for power development. Gage-height record and storage tables furnished by Alabama Power Co.

02417500 LAKE MARTIN.--Lat 32°40'41", long 85°54'30", in sec. 36, T. 20 N., R. 21 E., Tallapoosa County, at forebay of Martin Dam on Tallapoosa River, 5 mi (8 km) upstream from Sougahatchee Creek, and 10 mi (16 km) north of Tallassee, Ala. Drainage area, 3,000 mi^2, approximately (7,800 km^2, approximately). Period of record, October 1927 to current year. Remote indicating gage referenced to wire-weight gage. Datum of gage is at mean sea level (levels by Alabama Power Co.), adjustment unknown. Extremes for current year: Maximum daily contents, 1,637,100 acre-ft (2.02 km^3) May 8 (elevation, 490.39 ft or 149.471 m); minimum daily, 1,202,600 acre-ft (1.48 km^3) Dec. 21, 22 (elevation, 478.27 ft or 145.777 m). Extremes for period of record: Maximum daily contents since Oct. 1, 1940, 1,645,700 acre-ft (2.03 km^3) Dec. 18, 20, 1961 (elevation, 490.61 ft or 149.538 m); minimum daily, 555,000 acre-ft (684 hm^3) June 29, 1941 (elevation, 452.12 ft or 137.806 m).

Lake is formed by a combination arch and gravity concrete dam with a riprap earth embankment on left or east end. Spillway is equipped with 20 modified stoney-type gates, 30 ft (9.1 m) wide and 16 ft (4.9 m) high. Storage began in the summer of 1926, and the powerhouse was completed in the summer of 1927. Total capacity at elevation 490.00 ft or 149.352 m (top of gates is 1,622,000 acre-ft (2.00 km^3), of which 1,375,000 acre-ft (1.70 km^3) is controlled storage above elevation 430.00 ft or 131.064 m (minimum pool). Lake is used for power development. Gage-height record and capacity table furnished by Alabama Power Co.

02451950 LEWIS SMITH RESERVOIR.--Lat 33°56'26", long 87°06'28", in W½ sec. 6, T. 13 S., R. 5 W., Walker County, at forebay of Lewis Smith Dam on Sipsey Fork of Mulberry Fork of Black Warrior River, 1.2 mi (1.9 km) downstream from Ryan Creek, 2.5 mi (4.0 km) upstream from Mill Creek, 2.5 mi (4.0 km) upstream from State Highway 69, about 14 mi (22.5 km) northwest of Jasper, and at mile 13.5 (21.7 km). Drainage area, 944 mi^2 (2,445 km^2). Period of record, October 1960 to current year. Water-stage recorder with remote indicating gages. Datum of gage is at mean sea level (levels by Alabama Power Co.), adjustment unknown. Extremes for current year: Maximum daily contents, 1,539,100 acre-ft (1,898 hm^3) Mar. 16 (elevation, 516.66 ft or 157.478 m); minimum daily, 1,094,000 acre-ft (1,349 hm^3) Dec. 21 (elevation, 494.23 ft or 150.641 m). Extremes for period of record: Maximum daily contents, 1,649,500 acre-ft (2,030 hm^3) Mar. 19, 1973 (elevation, 521.17 ft or 158.853 m); minimum daily since reservoir was filled to elevation 510.00 ft (155.448 m) operating pool (Jan. 6, 1962), 1,008,400 acre-ft (1,243 hm^3) Dec. 2, 1971, (elevation, 488.84 ft or 148.998 m).

Reservoir is formed by an earth and rock-fill dam 300 ft (91.4 m) high and 2,200 ft (671 m) long with fixed crest spillway 956 ft (291.4 m) long. Storage began Oct. 3, 1960. Capacity at elevation 522 ft (159.1 m) (crest of spillway) is 1,670,700 acre-ft (2,060 hm^3). Storage of 394,000 acre-ft (486 hm^3) is provided between elevations of 488 ft (148.7 m) and 510 ft (155.4 m) for power generation. Approximately 281,000 acre-ft (346 hm^3) of storage for flood control is provided between elevations of 510 ft (155.4 m) and 522 ft (159.1 m). Reservoir is used for power development and flood control. Gage-height record and capacity table furnished by the Alabama Power Co.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

Date	Elevation (feet)	Contents (acre-ft)	Change in contents (acre-ft)	Elevation (feet)	Contents (acre-ft)	Change in contents (acre-ft)
	02393500 Allatoona Reservoir			02399499 Weiss Reservoir		
Sept.30.....	834.25	303,600	-	561.71	242,200	-
Oct. 31.....	830.66	268,000	-35,600	561.00	224,400	-17,800
Nov. 30.....	827.03	235,300	-32,700	559.65	192,700	-31,700
Dec. 31.....	824.39	213,600	-21,700	556.60	132,200	-60,500
CAL YR 1974.....	-	-	-32,200	-	-	-14,200
Jan. 31.....	826.92	234,400	+20,800	559.04	179,300	+47,100
Feb. 28.....	833.44	295,300	+60,900	561.46	235,900	+56,600
Mar. 31.....	841.86	390,000	+94,700	563.11	280,400	+44,500
Apr. 30.....	839.20	358,100	-31,900	563.50	291,600	+11,200
May 31.....	840.57	374,300	+16,200	563.74	298,600	+7,000
June 30.....	840.54	373,900	-400	563.77	299,500	+900
July 31.....	840.09	368,500	-5,400	563.38	288,100	-11,400
Aug. 31.....	837.16	334,900	-33,600	562.86	273,300	-14,800
Sept.30.....	836.70	329,800	-5,100	562.19	255,000	-18,300
WTR YR 1975	-	-	+26,200	-	-	+12,800

Reservoirs in Mobile River basin--Continued

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--CONTINUED

Date	Elevation (feet)	Contents (acre-ft)	Change in contents (acre-ft)	Elevation (feet)	Contents (acre-ft)	Change in contents (acre-ft)
	02401620 H. Neely Henry Reservoir			02405200 Logan Martin Reservoir		
Sept.30	506.60	105,900	-	462.04	231,300	-
Oct. 31	505.84	98,300	-7,600	461.69	226,800	-4,500
Nov. 30	504.74	88,100	-10,200	460.90	216,800	-10,000
Dec. 31	504.90	89,600	+1,500	460.08	206,800	-10,000
CAL YR 1974	-	-	+8,400	-	-	-6,300
Jan. 31	504.75	88,200	-1,400	460.00	205,800	-1,000
Feb. 28	504.75	88,200	0	459.92	204,800	-1,000
Mar. 31	504.21	83,500	-4,700	460.87	216,400	+11,600
Apr. 30	506.84	108,300	+24,800	463.00	244,300	+27,900
May 31	507.39	114,100	+5,800	464.70	268,800	+24,500
June 30	507.90	119,700	+5,600	464.93	273,500	+4,700
July 31	507.72	117,700	-2,000	464.83	266,800	-6,700
Aug. 31	507.80	118,600	+900	463.83	256,000	-10,800
Sept.30	507.44	114,700	-3,900	464.65	268,100	+12,100
WTR YR 1975	-	-	+8,800	-	-	+36,800
	Combined Lay, Mitchell, and Jordan Lakes			02417500 Lake Martin		
Sept.30	-	632,700	-	484.64	1,422,800	-
Oct. 31	-	637,400	+4,700	483.62	1,386,500	-36,300
Nov. 30	-	648,000	+10,600	481.06	1,297,200	-89,300
Dec. 31	-	658,000	+10,000	481.30	1,305,600	+8,400
CAL YR 1974	-	-	-1,900	-	-	+110,500
Jan. 31	-	656,300	-1,700	481.07	1,297,600	-8,000
Feb. 28	-	627,900	-28,400	488.66	1,570,800	+273,200
Mar. 31	-	654,400	+26,500	489.12	1,588,300	+17,500
Apr. 30	-	659,100	+4,700	489.66	1,609,000	+20,700
May 31	-	653,100	-6,000	489.77	1,613,100	+4,100
June 30	-	654,500	+1,400	489.92	1,619,000	-5,900
July 31	-	652,600	-1,900	489.42	1,599.800	-19,200
Aug. 31	-	645,700	-6,900	487.87	1,541,200	-58,600
Sept.30	-	655,500	+9,800	487.58	1,530,300	-10,900
WTR YR 1975	-	-	+22,800	-	-	+107,500
	02451950 Lewis Smith Reservoir					
Sept.30	496.01	1,123,800	-			
Oct. 31	494.58	1,099,800	-24,000			
Nov. 30	495.22	1,110,500	+10,700			
Dec. 31	503.25	1,254,200	+143,700			
CAL YR 1974	-	-	-37,900			
Jan. 31	509.57	1,380,900	+126,700			
Feb. 28	511.33	1,418,500	+37,600			
Mar. 31	513.47	1,465,700	+47,200			
Apr. 30	509.63	1,382,200	-83,500			
May 31	508.84	1,365,600	-16,600			
June 30	506.36	1,315,000	-50,600			
July 31	503.35	1,256,100	-58,900			
Aug. 31	500.17	1,196,900	-59,200			
Sept.30	497.58	1,150,800	-46,100			
WTR YR 1975	-	-	+27,000			

02471065 Montlimar Creek at U.S. Highway 90, at Mobile, Ala.

LOCATION.--Lat 30°38'59", long 88°07'34", in SE¼ sec. 39, T. 4 S., R. 2 W., Mobile County, on downstream side of downstream service road bridge of U.S. Highway 90, 0.1 mi (0.2 km) west of intersection of Interstate Highway I-65 in Mobile.

DRAINAGE AREA.--8.57 mi^2 (22.20 km^2). Prior to December 1968 drainage area was 8.26 mi^2 (21.39 km^2). Drainage area was increased by channelization.

PERIOD OF RECORD.--May 1962 to September 1967, October 1974 to current year.

GAGE.--Water-stage recorder and sheet-piling weir control. Datum of gage is 20.04 ft (6.108 m) above mean sea level. Prior to Aug. 18, 1971, gage located 100 ft (30.5 m) upstream at same datum.

AVERAGE DISCHARGE.--6 years, 18.8 ft^3/s (0.53 m^3/s), 29.79 in/yr (757 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,700 ft^3/s (48.1 m^3/s) Apr. 14 (gage height, 6.79 ft or 2.070 m); minimum daily, 6.6 ft^3/s (0.19 m^3/s) Oct. 21-28.
Period of record: Maximum discharge, 4,000 ft^3/s (113 m^3/s) Apr. 27, 1964 (gage height, 8.60 ft or 2.621 m); minimum, 3.7 ft^3/s (0.10 m^3/s) May 22, 1962, and Oct. 11, 12, 29, 30, 1964.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	9.2	10	9.3	14	9.2	14	13	14	8.2	126	11
2	28	9.2	9.2	9.2	13	9.2	14	14	14	8.2	25	10
3	11	9.2	9.2	16	13	8.2	13	48	10	16	20	10
4	10	10	9.2	11	40	46	13	23	13	13	19	10
5	10	10	10	9.1	13	14	13	19	11	11	75	10
6	10	14	10	8.5	11	10	13	15	14	9.2	19	10
7	15	9.2	23	36	9.2	11	11	88	31	8.2	15	23
8	9.2	10	8.2	53	9.2	11	59	61	14	8.2	63	13
9	9.2	10	8.2	14	15	9.2	32	19	10	25	23	10
10	9.2	9.2	8.2	48	10	11	122	15	11	20	57	11
11	8.2	21	9.2	19	10	10	25	13	13	20	24	32
12	8.2	8.2	9.0	22	26	9.2	15	11	18	13	17	72
13	8.2	8.2	9.2	15	11	90	17	11	31	11	24	52
14	8.2	9.2	9.2	14	11	22	212	29	10	10	14	52
15	25	9.2	77	14	59	18	28	54	19	9.2	12	50
16	15	9.2	12	13	48	36	17	25	9.2	8.2	13	19
17	9.2	59	12	13	28	14	14	15	9.2	8.2	11	14
18	11	11	13	14	15	202	13	11	8.2	8.2	10	34
19	8.2	10	13	21	13	23	13	10	8.2	9.0	11	18
20	7.0	23	68	15	11	17	12	10	9.2	15	18	13
21	6.6	9.2	14	13	10	14	24	10	8.2	12	40	23
22	6.6	8.2	12	14	10	13	12	10	15	10	15	11
23	6.6	9.2	27	28	14	13	11	11	9.2	8.0	14	11
24	6.6	9.2	14	17	10	26	11	11	8.2	8.0	14	10
25	6.6	10	11	15	9.2	11	11	11	8.2	8.0	26	42
26	6.6	9.2	10	14	9.2	10	10	11	8.2	40	28	14
27	6.6	9.2	10	14	9.2	10	11	13	8.2	17	19	13
28	6.6	9.2	10	14	9.2	10	17	13	9.2	15	25	11
29	18	9.2	10	14	------	34	14	21	10	14	19	11
30	10	44	9.6	14	------	36	50	21	9.2	79	18	46
31	8.2	------	9.4	14	------	15	------	46	------	336	13	------
TOTAL	318.8	394.6	473.8	545.1	460.2	772.0	841	682	370.6	785.8	827	666
MEAN	10.3	13.2	15.3	17.6	16.4	24.9	28.0	22.0	12.4	25.3	26.7	22.2
MAX	28	59	77	53	59	202	212	88	31	336	126	72
MIN	6.6	8.2	8.2	8.5	9.2	8.2	10	10	8.2	8.0	10	10
CFSM	1.20	1.54	1.79	2.05	1.91	2.91	3.27	2.57	1.45	2.95	3.12	2.59
IN.	1.38	1.71	2.06	2.37	2.00	3.35	3.65	2.96	1.61	3.41	3.59	2.89

WTR YR 1975 TOTAL 7,136.9 MEAN 19.6 MAX 336 MIN 6.6 CFSM 2.29 IN 30.98

PEAK DISCHARGE (BASE, 700 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
11-17	1430	4.86	729	5-07	1700	5.06	809
3-13	1900	5.78	1,120	7-31	0300	5.87	1,160
4-14	1245	6.79	1,700	9-12	2315	5.90	1,180

02479560 Escatawpa River near Agricola, Miss.

LOCATION.--Lat 30°48'32", long 88°27'41", in SW¼ sec. 2, T. 3 S., R. 5 W., George County, Miss., on downstream side of bridge on county road 612, 6.7 mi (10.8 km) west of Wilmer, Ala., 2.5 mi (4.0 km) west of Alabama-Mississippi State line, 4.8 mi (7.7 km) below old gage at Escatawpa River near Wilmer, Ala.

DRAINAGE AREA.--556 mi^2 (1,440 km^2).

PERIOD OF RECORD.--August 1973 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 50 ft (15 m) from topographic map.

EXTREMES.--Current year: Maximum discharge, 10,900 ft^3/s (309 m^3/s) Apr. 12 (gage height, 18.06 ft or 5.505 m); minimum, 191 ft^3/s (5.41 m^3/s) Oct. 28 (gage height, 2.61 ft or 0.796 m).
Period of record: Maximum discharge, 10,900 ft^3/s (309 m^3/s) Apr. 12, 1975 (gage height, 18.06 ft or 5.505 m); minimum, 163 ft^3/s (4.62 m^3/s) July 2, 1974 (gage height, 2.40 ft or 0.732 m).

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	293	521	1,640	914	845	1,030	1,690	2,410	1,940	640	8,480	857
2	260	413	1,690	752	887	920	1,390	2,160	1,680	560	9,480	893
3	262	339	1,500	648	761	806	1,180	1,590	1,290	500	8,420	666
4	248	319	1,300	677	1,390	1,020	1,140	2,210	971	1,500	6,600	603
5	241	323	1,210	731	4,190	2,230	1,040	2,410	749	1,000	5,110	722
6	233	347	1,070	743	3,940	2,290	863	2,470	608	760	3,980	737
7	225	325	1,250	761	2,300	1,860	749	2,680	1,060	520	3,340	2,440
8	219	295	1,880	2,240	1,560	1,550	743	5,080	2,250	460	3,590	3,280
9	211	281	1,590	3,870	1,210	1,310	1,360	7,820	1,980	400	3,090	2,350
10	205	269	1,270	5,040	1,050	1,110	3,170	8,000	1,390	500	2,440	2,290
11	199	317	1,060	5,820	968	1,010	8,280	7,720	2,160	440	2,740	1,960
12	199	528	980	6,330	1,150	911	10,700	6,080	3,590	440	2,440	1,630
13	197	446	926	6,580	1,270	1,030	9,820	3,660	3,130	980	2,130	1,670
14	193	379	845	5,830	1,110	1,490	8,100	2,660	1,850	700	2,030	1,500
15	200	357	1,100	4,070	932	1,970	6,060	2,650	1,200	600	1,890	1,600
16	307	353	1,940	2,520	2,150	2,950	4,840	3,650	1,010	500	1,390	1,450
17	359	379	2,070	1,950	2,150	3,720	5,110	3,610	908	480	1,060	1,270
18	313	857	1,570	1,620	2,470	5,210	5,850	2,460	767	440	893	1,150
19	260	752	1,190	1,410	3,780	6,220	5,060	1,840	663	420	1,070	953
20	228	833	1,190	1,270	5,600	6,420	2,470	1,460	608	400	1,260	776
21	211	1,360	1,390	1,220	6,260	5,880	1,750	1,210	601	960	1,980	719
22	202	1,410	1,240	1,130	4,580	4,570	1,480	1,000	658	780	2,170	1,060
23	202	1,440	1,080	1,070	2,490	2,750	1,200	833	941	700	1,340	2,260
24	200	1,350	1,210	1,150	2,120	1,960	1,040	716	1,090	660	1,010	3,000
25	197	1,300	1,480	1,170	1,890	1,560	935	641	1,340	851	809	2,580
26	197	1,260	1,680	1,200	1,630	1,300	845	586	1,050	1,330	707	1,980
27	193	1,040	1,620	1,170	1,360	1,180	764	546	720	1,360	638	1,550
28	191	854	1,600	1,100	1,170	1,080	692	1,140	1,300	1,270	628	1,290
29	200	689	1,440	1,020	------	965	641	953	1,000	980	707	1,070
30	860	860	1,250	935	------	1,340	1,020	1,180	700	1,420	749	1,000
31	725	------	1,090	881	------	2,040	------	1,780	------	4,230	761	------
TOTAL	8,230	20,196	42,351	65,822	61,213	69,682	89,982	83,205	39,204	26,781	82,932	45,306
MEAN	265	673	1,366	2,123	2,186	2,248	2,999	2,684	1,307	864	2,675	1,510
MAX	860	1,440	2,070	6,580	6,260	6,420	10,700	8,000	3,590	4,230	9,480	3,280
MIN	191	269	845	648	761	806	641	546	601	400	628	603
CFSM	.48	1.21	2.46	3.82	3.93	4.04	5.39	4.83	2.35	1.55	4.81	2.72
IN.	.55	1.35	2.83	4.40	4.10	4.66	6.02	5.57	2.62	1.79	5.55	3.03

CAL YR 1974 TOTAL 451,588 MEAN 1,237 MAX 10,300 MIN 191 CFSM 2.22 IN 30.21
WTR YR 1975 TOTAL 634,904 MEAN 1,739 MAX 10,700 MIN 191 CFSM 3.13 IN 42.48

PEAK DISCHARGE (BASE, 5,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-13	0800	15.93	6,670	4-18	1400	15.52	6,010
2-21	0600	15.82	6,480	5-10	0100	16.67	8,140
3-20	0600	15.83	6,490	8-02	0100	17.45	9,700
4-12	1100	18.06	10,900				

TENNESSEE RIVER MAIN STEM

03571850 Tennessee River at South Pittsburg, Tenn.
(National stream-quality accounting network station)

LOCATION.--Lat 35°00'41", long 85°41'51", Marion County, on right bank at South Pittsburg Ferry landing on Tennessee State Highway 156, 0.5 mile (0.8 km) downstream from Battle Creek, 0.5 mile (0.8 km) east of South Pittsburg, 4.6 miles (7.4 km) downstream from Sequatchie River, 6.5 miles (10.5 km) downstream from Nickajack Dam, and at mile 418.2 (672.9 km).

DRAINAGE AREA.--22,640 sq mi (58,600 sq km), approximately.

PERIOD OF RECORD.--July 1930 to current year. Published as "at Hales Bar, near Chattanooga", July 1930 to July 1966. Records for both sites published August 1965 to July 1966.

GAGE.--Water-stage recorder. Datum of gage is 581.01 ft (177.092 m) above mean sea level. Prior to Feb. 13, 1932, at site 12.9 miles (20.8 km) upstream at datum 7.85 ft (2.393 m) higher. Feb. 13, 1932, to July 17, 1966, at site 11.5 miles (18.5 km) upstream at datum 7.50 ft (2.286 m) higher. Since Jan. 27, 1939, auxiliary water-stage recorder at site 10.6 miles (17.1 km) downstream.

AVERAGE DISCHARGE. 45 years, 37,260 cfs (1,055 cu m/s), 22.35 in/yr (568 mm/yr), unadjusted.

EXTREMES.--Current year: Maximum discharge, 189,000 cfs (5,350 cu m/s) Mar. 14, gage height, 27.72 ft (8.449 m); minimum daily, 14,000 cfs (396 cu m/s) Sept. 28; minimum gage height, 10.84 ft (3.304 m) Sept. 22.

Period of record: Maximum discharge, 315,000 cfs (8.920 cu m/s) Mar. 18, 1973, gage height, 34.33 ft (10.464 m); minimum daily, 2,900 cfs (82.1 cu m/s) Nov. 1, 15, 1953; minimum gage height, 1.21 ft (0.369 m) Oct. 27, 1931, site and datum used 1932-65.

Maximum stage known, 44.6 ft (13.59 m) in March 1867, site and datum used 1932-65. Flood of Mar. 8, 1917, reached a stage of 37.4 ft (11.40 m), site and datum used 1932-65, discharge, 320,000 cfs (9,060 cu m/s), from rating curve extended above 225,000 cfs (6,370 cu m/s).

REMARKS.--Records fair. Since 1936, flow regulated by increasing number of reservoirs above station.

REVISIONS (WATER YEARS).--WSP 853: Drainage area. WSP 973: 1942. WSP 1306: 1936 (monthly runoff). WSP 1386: 1932-34.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38,300	33,200	34,300	70,000	85,500	67,200	167,000	37,700	37,600	45,500	42,200	27,600
2	36,500	32,100	38,600	60,000	76,500	68,200	160,000	37,600	37,500	45,000	42,900	33,900
3	34,600	33,400	40,000	55,000	88,400	61,000	154,000	35,500	37,200	47,300	34,500	45,200
4	34,200	33,900	45,000	64,100	100,000	50,600	143,000	37,800	37,300	38,600	36,700	42,300
5	32,900	35,700	50,000	68,000	111,000	50,900	124,000	37,700	37,700	42,000	39,600	41,600
6	28,400	35,800	50,000	60,200	117,000	50,100	110,000	37,700	37,500	37,900	38,500	28,300
7	35,800	36,000	45,000	53,700	112,000	50,800	106,000	37,200	30,900	44,000	41,200	25,000
8	33,900	36,100	50,000	56,500	101,000	51,000	98,300	37,300	30,700	46,500	41,000	28,300
9	37,400	28,600	50,000	57,300	98,800	60,000	96,000	37,900	44,300	44,000	38,500	33,200
10	38,400	32,100	50,000	58,600	96,800	63,300	81,600	37,900	48,900	39,700	25,400	41,400
11	37,700	35,600	50,000	70,500	91,700	64,100	62,900	37,600	49,600	33,800	29,600	42,600
12	31,300	36,400	50,000	62,300	85,500	75,200	53,700	37,700	46,700	40,000	40,500	36,200
13	23,000	36,600	50,000	75,500	90,000	110,000	50,600	37,400	44,000	41,000	47,100	32,700
14	31,800	36,200	50,000	76,200	89,700	180,000	46,800	37,000	43,200	37,700	44,200	17,800
15	28,900	35,700	45,000	71,000	88,400	182,000	49,400	37,100	44,100	37,100	37,100	24,200
16	33,900	35,800	50,000	72,100	86,500	165,000	50,400	37,600	44,300	44,500	35,300	29,800
17	35,800	35,100	50,000	71,100	89,500	140,000	50,500	38,600	41,600	45,400	33,400	32,500
18	35,300	35,300	45,000	69,900	93,800	119,000	50,800	49,700	42,100	45,700	32,300	34,600
19	35,800	36,700	50,000	70,500	95,300	117,000	51,800	57,700	45,900	42,800	35,100	46,900
20	21,600	40,000	50,000	74,300	93,900	117,000	51,600	53,000	45,900	31,300	41,300	29,700
21	32,000	40,200	45,000	81,000	88,200	111,000	43,900	46,100	48,000	39,000	41,300	18,400
22	36,000	38,100	35,000	80,700	81,400	102,000	39,100	41,800	48,100	46,600	44,300	25,000
23	36,000	37,200	45,000	79,300	72,900	103,000	36,500	44,300	42,700	46,700	42,300	45,000
24	35,900	36,600	35,000	74,200	72,000	109,000	33,400	44,100	43,900	45,800	31,200	75,000
25	36,100	35,900	35,000	84,000	87,900	119,000	38,300	39,500	44,500	43,100	31,500	65,000
26	33,300	36,100	40,000	104,000	86,400	119,000	23,000	37,200	46,700	48,200	37,800	25,000
27	28,400	36,100	40,000	99,700	84,500	121,000	19,700	38,000	48,400	48,800	36,300	15,000
28	32,700	35,000	50,000	96,800	79,500	125,000	34,500	38,300	47,700	42,700	36,900	14,000
29	35,500	35,500	70,000	92,600	------	131,000	37,700	37,300	35,000	40,000	39,300	25,000
30	35,100	35,700	75,000	92,300	------	159,000	38,100	38,000	42,000	38,600	36,700	25,000
31	34,400	------	70,000	89,100	------	170,000	------	38,300	------	38,000	27,500	------
TOTAL	1,040.9M	1,066.7M	1,482.9M	2,290.5M	2,544.1M	3,211.4M	2,102.6M	1,240.6M	1,274.0M	1,307.3M	1,161.5M	1,006.2M
MEAN	33,580	35,560	47,840	73,890	90,860	103,600	70,090	40,020	42,470	42,170	37,470	33,540
MAX	38,400	40,200	75,000	104,000	117,000	182,000	167,000	57,700	49,600	48,800	47,100	75,000
MIN	21,600	28,600	34,300	53,700	72,000	50,100	19,700	35,500	30,700	31,300	25,400	14,000

CAL YR 1974 TOTAL 21,041,200 MEAN 57,650 MAX 199,000 MIN 12,800
WTR YR 1975 TOTAL 19,728,700 MEAN 54,050 MAX 182,000 MIN 14,000

M Expressed in thousands.
NOTE.--No gage-height record Dec. 3 to Jan. 3, Jan. 30 to Feb. 27, Apr. 8-17, Sept. 10-12, 22-30.

03572900 Town Creek near Geraldine, Ala.

LOCATION.--Lat 34°22'42", long 85°59'25", in SE 1/4 sec.34, T.7 S., R.6 E., DeKalb County, on downstream side of bridge on State Highway 75, 0.3 mi (0.5 km) downstream from Reedy Creek, 0.9 mi (1.4 km) upstream from Traylor Branch, 2 miles (3.2 km) north northeast of Geraldine, 15 miles (24.1 km) northeast of Albertville, and at mile 20.4 (32.8 km).

DRAINAGE AREA.--141 mi^2 (365 km^2).

PERIOD OF RECORD.--July 1957 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 1,000 ft (305 m) from topographic map.

AVERAGE DISCHARGE.--18 years, 272 ft^3/s (7.703 m^3/s) 26.20 in/yr (665 mm/yr).

EXTREMES.--Current year: Maximum discharge, 9,030 ft^3/s (256 m^3/s) Feb. 18 (gage height, 14.03 ft or 4.276 m); minimum daily, 0.41 ft^3/s (0.012 m^3/s) Oct. 14.
Period of record: Maximum discharge, 17,700 ft^3/s (501 m^3/s) Apr. 29, 1963, gage height, 21.70 ft or 6.614 m; no flow for many days in 1957, 1960 and 1963.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.2	4.0	264	920	415	419	739	91	55	34	28	4.0
2	3.2	3.8	209	686	528	390	599	77	44	33	32	3.1
3	2.6	3.7	149	608	789	337	731	79	34	25	17	2.0
4	2.3	3.7	122	723	1,080	306	518	90	28	20	24	1.1
5	2.0	18	108	578	1,390	284	434	80	23	17	42	.83
6	2.8	19	98	488	955	270	375	69	50	14	235	.68
7	1.5	12	113	421	718	277	329	72	78	80	130	8.8
8	1.2	18	201	408	589	314	289	90	68	64	59	17
9	.94	15	190	425	518	242	319	229	80	38	42	6.7
10	.86	12	159	734	450	271	425	169	49	32	222	4.4
11	.68	13	142	1,780	406	1,020	308	107	305	87	367	48
12	.60	16	132	1,210	524	1,110	254	83	355	44	140	33
13	.46	16	120	1,150	446	2,780	222	83	189	26	75	16
14	.41	14	109	751	383	4,750	244	68	124	18	52	9.6
15	.98	15	112	604	346	1,290	260	89	172	14	39	6.1
16	5.7	15	127	505	929	1,000	214	226	170	10	30	4.3
17	3.1	17	118	429	2,070	860	192	193	146	8.8	32	3.5
18	2.5	19	105	383	5,220	787	174	224	95	7.1	29	4.4
19	1.9	21	101	387	2,910	1,270	180	155	71	6.3	22	9.9
20	2.1	225	100	484	1,100	944	183	119	62	46	28	8.3
21	2.6	139	96	408	806	705	152	97	79	84	17	8.2
22	2.5	87	90	361	653	613	135	83	56	33	13	9.3
23	2.2	65	85	331	637	567	124	70	42	21	11	479
24	2.3	54	408	343	1,020	928	119	60	33	19	8.1	1,400
25	2.1	52	1,250	3,920	682	790	120	51	27	28	6.1	540
26	1.9	48	881	1,580	551	559	125	44	23	94	4.8	386
27	2.1	45	623	880	524	469	107	47	23	39	10	285
28	2.8	44	671	685	486	405	94	47	28	24	33	199
29	3.4	41	1,320	575	------	1,180	87	66	140	16	23	164
30	3.7	65	2,210	526	------	2,150	89	64	41	13	9.3	135
31	3.8	------	1,520	461	------	1,050	------	67	------	18	6.0	------
TOTAL	69.43	1,120.2	11,933	23,744	27,125	28,337	8,141	3,089	2,690	1,013.2	1,786.3	3,797.21
MEAN	2.24	37.3	385	766	969	914	271	99.6	89.7	32.7	57.6	127
MAX	5.7	225	2,210	3,920	5,220	4,750	739	229	355	94	367	1,400
MIN	.41	3.7	85	331	346	242	87	44	23	6.3	4.8	.68
CFSM	.02	.26	2.73	5.43	6.87	6.48	1.92	.71	.64	.23	.41	.90
IN.	.02	.30	3.15	6.26	7.16	7.48	2.15	.81	.71	.27	.47	1.00

CAL YR 1974 TOTAL 98,937.56 MEAN 271 MAX 4,000 MIN .41 CFSM 1.92 IN 26.10
WTR YR 1975 TOTAL 112,845.34 MEAN 309 MAX 5,220 MIN .41 CFSM 2.19 IN 29.77

PEAK DISCHARGE, BASE (4,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
2-18	1930	14.03	9,030	1-25	1030	10.35	5,420
3-14	0030	12.89	7,890				

03574500 Paint Rock River near Woodville, Ala.

LOCATION.--Lat 34°37'27", long 86°18'23", in NW 1/4 sec.10, T.5 S., R.3 E., Jackson County, on downstream side of bridge on U.S. Highway 72, 1,000 ft (305 m) downstream from Southern Railway bridge, 2 mi (3.2 km) west of Woodville, 4.1 mi (6.6 km) upstream from Little Paint Creek, and at mile 26.6 (42.8 km).

DRAINAGE AREA.--320 mi^2 (829 km^2).

PERIOD OF RECORD.--December 1935 to current year.

GAGE.--Water-stage recorder. Datum of gage is 570.95 ft (174.026 m) above mean sea level. Dec. 23, 1935, to Jan. 16, 1938, nonrecording gage, Jan. 17, 1938, to July 24, 1940, water-stage recorder, at same site and datum. July 25, 1940, to Mar. 13, 1963, water-stage recorder at site 20 ft (6 m) downstream at same datum.

AVERAGE DISCHARGE.--39 years, 678 ft^3/s (19.20 m^3/s) 28.77 in/yr (731 mm/yr).

EXTREMES.--Current year: Maximum discharge, 22,700 ft^3/s (643 m^3/s) Mar. 14 (gage height, 20.4 ft or 6.22 m), from flood mark; minimum daily, 19 ft^3/s (0.54 m^3/s) Oct. 9-14.
Period of record: Maximum discharge, 74,200 ft^3/s (2,100 m^3/s) Mar. 16, 1973 (gage height, 24.40 ft or 7.437 m); minimum, 1.3 ft^3/s (0.037 m^3/s) Oct. 21, 1954,(gage height, 0.28 ft or 0.085 m).

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	23	1,250	2,150	711	817	4,040	219	200	255	64	51
2	24	23	1,210	1,310	1,290	918	2,290	216	180	159	63	32
3	23	23	538	884	2,340	900	3,050	210	160	178	61	30
4	22	23	360	1,220	2,420	850	3,030	207	140	168	71	28
5	21	25	297	1,310	2,440	800	1,830	202	130	122	188	28
6	21	25	246	907	2,140	750	1,290	199	85	102	112	27
7	20	40	334	694	1,520	750	874	210	95	184	106	30
8	20	47	1,560	581	1,140	700	672	214	196	136	102	35
9	19	38	1,350	939	933	650	608	1,190	182	117	83	42
10	19	33	730	1,340	784	600	590	1,040	151	120	114	40
11	19	32	490	3,220	690	580	568	1,500	1,070	116	89	37
12	19	32	379	4,470	857	560	514	1,000	2,970	103	79	35
13	19	33	301	2,870	1,280	560	466	580	2,450	96	71	35
14	19	55	242	1,690	851	10,000	397	400	907	82	64	147
15	23	49	208	1,030	711	9,000	370	330	710	70	60	97
16	40	43	194	856	1,860	5,000	361	300	1,300	62	60	56
17	126	40	181	1,040	3,950	4,000	339	400	759	52	63	46
18	125	41	161	1,040	4,360	2,000	320	860	506	46	60	49
19	69	289	144	1,250	4,510	1,500	344	1,000	418	44	64	117
20	49	2,460	134	2,320	3,230	2,380	1,160	1,100	347	79	65	166
21	39	2,420	124	1,970	1,920	1,790	938	466	262	328	63	93
22	34	799	114	1,290	1,180	1,150	635	356	237	184	58	71
23	30	334	104	929	1,080	615	512	305	185	118	56	1,050
24	29	227	259	762	2,880	3,280	450	189	154	88	53	3,670
25	28	178	1,980	3,120	2,800	6,240	416	186	128	98	50	6,170
26	26	145	3,160	4,170	1,480	3,850	454	183	114	188	49	6,580
27	26	122	2,020	2,640	1,060	2,130	411	212	104	169	46	2,560
28	25	106	2,680	1,460	951	1,170	363	252	103	112	45	1,080
29	24	94	3,870	1,050	------	2,500	261	184	498	85	44	420
30	24	117	4,530	948	------	8,020	229	201	462	70	44	307
31	23	------	3,810	817	------	6,990	------	198	------	65	56	------
TOTAL	1,029	7,916	32,960	50,277	51,368	81,050	27,782	14,109	15,203	3,796	2,203	23,129
MEAN	33.2	264	1,063	1,622	1,835	2,615	926	455	507	122	71.1	771
MAX	126	2,460	4,530	4,470	4,510	10,000	4,040	1,500	2,970	328	188	6,580
MIN	19	23	104	581	690	560	229	183	85	44	44	27
CFSM	.10	.83	3.32	5.07	5.73	8.17	2.89	1.42	1.58	.38	.22	2.41
IN.	.12	.92	3.83	5.84	5.97	9.42	3.23	1.64	1.77	.44	.26	2.69

CAL YR 1974 TOTAL 293,409 MEAN 804 MAX 10,200 MIN 19 CFSM 2.51 IN 34.11
WTR YR 1975 TOTAL 310,822 MEAN 852 MAX 10,000 MIN 19 CFSM 2.66 IN 36.13

PEAK DISCHARGE (BASE, 6,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
3-14	Unknown	20.4	22,700	3-30	2400	19.10	13,800
3-25	1800	17.11	6,720	9-26	0100	17.52	7,860

NOTE.--No gage-height record Mar.3-19.

03575000 Flint River near Chase, Ala.

LOCATION.--Lat 34°49'22", long 86°28'59", in NW 1/4 NW 1/4 sec.36, T.2 S., R.1 E., Madison County, on left bank 10 ft (3 m) downstream from Winchester Road, 400 ft (122 m) downstream from Brier Fork, 1,100 ft (335 m) upstream from L & N Railroad bridge, 4.3 mi (6.9 km) northeast of Chase, Ala., and at mile 36.2 (58.2 km).

DRAINAGE AREA.--342 mi^2 (886 km^2).

PERIOD OF RECORD.--October 1929 to current year. Prior to May 1930 monthly discharge only, published in WSP 1306.

GAGE.--Water-stage recorder. Datum of gage is 640.37 ft (195.185 m) above mean sea level. May 1934 to Jan. 1975, water-stage recorder 0.2 mi (0.3 km) downstream at same datum. Prior to May 1934, nonrecording gage 1,100 ft (335 m) downstream at L & N Railroad bridge at same datum.

AVERAGE DISCHARGE.--46 years, 547 ft^3/s (15.49 m^3/s), 21.72 in/yr (552 mm/yr).

EXTREMES.--Current year: Maximum discharge, 29,800 ft^3/s (844 m^3/s) Mar. 14 (gage height, 20.97 ft or 6.392 m); minimum daily, 106 ft^3/s (3.00 m^3/s) Oct. 12-14, 23.

Period of record: Maximum discharge, 104,000 ft^3/s (2,945 m^3/s) Mar. 16, 1973 (gage height, 29.52 ft or 8.998 m); minimum, 44 ft^3/s (1.25 m^3/s) Sept. 20, 27, 30, 1931; minimum gage height, 0.82 ft (0.250 m) Sept. 3, 27, 1954.

Flood in September 1929 reached a stage of 25.0 ft (7.62 m) from floodmarks, discharge, 58,500 ft^3/s (1,657 m^3/s).

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 823: Drainage area. WSP 853: 1936(M). WSP 1306: 1934(M). WSP 1910: Peak discharge (base).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	126	117	400	791	539	552	1,260	340	266	205	182	226
2	120	117	351	624	888	843	1,090	325	257	243	179	154
3	115	117	300	624	924	617	1,430	345	239	378	180	129
4	115	120	266	1,210	971	539	888	423	226	226	170	120
5	115	201	248	766	1,140	505	701	356	217	193	500	114
6	112	213	226	588	943	460	639	320	226	182	250	117
7	112	161	325	505	791	410	581	924	361	300	200	126
8	112	144	632	518	670	440	545	662	252	248	190	126
9	109	135	435	1,050	617	410	559	1,430	222	193	175	117
10	109	132	345	1,910	581	600	733	678	222	179	171	117
11	109	138	305	6,350	581	1,000	595	473	1,170	243	171	120
12	106	148	285	1,800	1,030	1,940	518	406	1,260	201	164	161
13	106	148	266	1,090	808	15,500	473	361	448	186	158	226
14	106	144	248	843	639	18,300	450	335	330	190	154	164
15	120	144	234	741	581	2,960	450	448	670	175	148	138
16	221	148	239	826	990	1,460	440	1,020	588	164	213	126
17	198	148	234	897	1,990	1,150	412	1,020	356	161	161	132
18	156	154	222	766	1,580	965	378	1,290	295	154	201	144
19	135	808	213	915	1,420	2,550	843	662	525	158	197	144
20	123	1,340	205	1,760	943	1,430	1,030	473	539	539	171	138
21	109	518	197	1,050	758	934	559	400	305	330	154	129
22	109	340	193	775	670	1,010	460	361	257	230	148	138
23	106	285	190	798	701	1,130	412	330	230	193	141	1,000
24	118	257	234	639	1,140	4,040	389	305	217	182	135	5,000
25	118	243	1,640	1,940	775	2,890	435	285	209	733	132	880
26	118	239	1,060	1,160	632	1,010	525	351	209	545	129	506
27	118	226	888	817	595	775	406	310	205	389	126	394
28	118	209	2,620	693	573	581	367	285	345	234	123	345
29	118	201	2,980	632	------	6,020	345	275	378	197	117	292
30	118	205	2,420	602	------	10,200	345	285	234	179	117	255
31	118	------	1,080	566	------	2,630	------	275	------	175	345	------
TOTAL	3,793	7,500	19,481	34,246	24,470	83,851	18,258	15,753	11,258	7,905	5,602	11,778
MEAN	122	250	628	1,105	874	2,705	609	508	375	255	181	393
MAX	221	1,340	2,980	6,350	1,990	18,300	1,430	1,430	1,260	733	500	5,000
MIN	106	117	190	505	539	410	345	275	205	154	117	114
CFSM	.36	.73	1.84	3.23	2.56	7.91	1.78	1.49	1.10	.75	.53	1.15
IN.	.41	.82	2.12	3.73	2.66	9.12	1.99	1.71	1.22	.86	.61	1.28

CAL YR 1974 TOTAL 261,103 MEAN 715 MAX 14,300 MIN 94 CFSM 2.09 IN 28.40
WTR YR 1975 TOTAL 243,895 MEAN 668 MAX 18,300 MIN 106 CFSM 1.95 IN 26.53

PEAK DISCHARGE (BASE, 6,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
1-11	0630	11.14	7,460	3-30	0400	14.79	13,100
3-14	0030	20.97	29,800	9-24	Unknown	10.00	6,130
3-24	2145	9.96	6,090				

TENNESSEE RIVER MAIN STEM

03575500 Tennessee River at Whitesburg, Ala.

LOCATION.--Lat 34°34'18", long 86°33'29", SW 1/4 sec.29, T.5 S., R.1 E., Madison County, at Whitesburg, on right bank, 2,500 ft (762 m) upstream from Aldridge Creek, 3,000 ft (914 m) upstream from Clement C. Clay Bridge on U.S. Highway 231, 11.0 miles (17.7 km) south of Huntsville, 15.1 miles (24.3 km) downstream from Guntersville Dam, and at mile 333.9 (537.2 km).

DRAINAGE AREA.--25,610 mi^2, (6,633 km) approximately.

PERIOD OF RECORD.--October 1924 to current year. Monthly discharge only for some periods, published in WSP 1306. Prior to October 1936, published as "at Decatur." Gage-height records collected in this vicinity since 1875 (fragmentary prior to April 1909) are contained in files of Corps of Engineers and in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 549.00 ft (167.335 m) above mean sea level. Oct. 1, 1924, to Dec. 2, 1926, nonrecording gage and Dec. 3, 1926 to Sept. 30, 1936, water-stage recorder, at site 28.3 miles (45.5 km) downstream at datum 14.70 ft (4.481 m) lower. Oct. 1, 1936 to Sept. 30, 1960 water-stage recorder 830 ft (253 m) downstream at same datum. Since Mar. 4, 1937, auxiliary gage 28.3 miles (45.5 km) downstream.

AVERAGE DISCHARGE.--51 years, 43,760 ft^3/s (1,239 m^3/s) 23.20 in/yr (589 mm/yr).

EXTREMES.--Current year: Maximum discharge, 230,000 ft^3/s (6,510 m^3/s) Mar. 15 (gage height, 20.90 ft or 6.370 m); minimum daily 12,000 ft^3/s (340 m^3/s) Sept. 7; minimum gage height 2.22 ft (0.677 m) Nov. 11.
Period of record: Maximum discharge, 323,000 ft^3/s (9,147 m^3/s) Mar. 19, 1973 (gage height, 26.06 ft or 7.943 m); minimum daily, 400 ft^3/s (11.3 m^3/s) July 24, 1966.
Maximum stage known, 31.4 ft (9.57 m) in March 1867, present site and datum, from high-water profile by Corps of Engineers.

REMARKS.--Records good except those below 20,000 ft^3/s (566 m^3/s) which are poor. Discharge below 20,000 ft^3/s (566 m^3/s) computed on basis of records for Guntersville Dam, adjusted for storage and inflow. Since 1936, flow regulated by increasing number of reservoirs above station.

REVISIONS.--Revised figures of discharge, in cubic feet per second, for water year 1974, superceding those published in Water Resources Data for Alabama, Part I, Surface Water Records, are given herewith:

	April	May	June	July	Aug.	Sept.	Water year
Mean	60,210	48,539	40,797	38,890	39,945	39,945	63,585

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31,300	32,200	40,000	99,900	86,300	73,500	192,000	36,100	34,900	54,000	45,300	26,700
2	33,100	31,800	39,900	89,700	77,500	72,700	189,000	36,100	39,400	52,300	30,100	34,400
3	30,600	27,300	39,200	74,900	88,200	67,800	186,000	37,500	41,300	53,500	24,000	42,400
4	31,800	29,300	43,600	72,100	97,600	53,800	179,000	38,100	42,300	50,100	34,400	41,700
5	28,200	29,600	47,500	67,500	109,000	47,400	154,000	38,200	39,700	37,500	37,700	34,400
6	22,100	32,800	47,100	65,700	116,000	49,600	132,000	39,500	28,000	41,100	40,600	15,400
7	35,700	35,400	47,300	64,000	117,000	49,800	117,000	40,100	28,500	57,000	47,500	12,000
8	32,700	32,500	49,600	59,900	114,000	50,900	112,000	39,500	32,900	58,700	47,700	22,500
9	32,300	29,800	51,200	54,900	103,000	51,400	104,000	48,000	43,700	57,600	29,400	34,900
10	32,700	24,700	49,400	58,000	100,000	59,400	85,800	46,800	46,000	57,600	13,500	34,700
11	33,100	25,400	48,600	69,300	96,500	67,000	68,500	42,800	50,700	49,900	32,500	37,700
12	28,700	36,500	48,400	78,300	91,700	83,600	53,400	38,800	56,100	38,600	39,000	39,300
13	18,900	31,000	48,500	87,000	91,500	111,000	49,600	39,200	52,600	35,300	41,000	33,100
14	24,800	31,500	47,100	92,100	88,600	181,000	48,000	38,200	42,200	44,400	41,200	20,600
15	29,200	30,000	44,800	89,900	85,400	229,000	51,900	40,300	48,300	46,500	41,900	29,300
16	37,300	28,600	41,900	79,800	91,900	227,000	49,800	42,800	52,900	45,300	37,900	30,500
17	32,900	25,800	43,600	81,200	105,000	208,000	53,300	43,700	51,900	37,500	23,300	31,100
18	31,000	28,800	39,800	80,700	117,000	176,000	53,300	51,900	50,800	45,100	32,200	23,400
19	32,300	33,900	41,600	80,600	129,000	151,000	53,100	54,600	49,500	34,000	46,000	43,000
20	21,500	42,800	45,500	80,900	122,000	136,000	53,900	56,700	42,900	30,800	47,900	27,600
21	27,500	42,300	46,300	79,800	111,000	130,000	47,700	54,100	39,200	38,900	47,000	17,000
22	30,500	31,700	36,600	78,900	106,000	124,000	41,600	49,500	43,100	45,600	42,800	20,800
23	31,000	34,400	36,800	77,800	94,100	116,000	39,500	45,100	48,700	47,100	45,100	41,300
24	31,600	36,600	37,600	75,700	80,000	118,000	39,400	40,900	51,500	42,500	52,600	76,100
25	28,400	37,900	49,900	92,600	81,200	122,000	38,300	39,600	52,000	44,400	56,400	69,600
26	30,800	37,800	54,300	111,000	84,700	127,000	15,500	40,300	48,900	41,400	50,100	49,500
27	25,400	37,700	56,800	111,000	86,300	134,000	18,900	45,200	41,200	27,400	35,800	37,200
28	29,400	33,800	66,400	110,000	82,100	139,000	34,100	35,100	35,800	43,100	36,800	27,100
29	29,700	33,400	77,800	108,000	------	144,000	39,600	37,000	29,300	39,600	34,400	34,000
30	30,300	32,400	91,700	105,000	------	161,000	35,300	50,200	51,300	37,900	26,000	30,500
31	32,100	------	102,000	97,900	------	184,000	------	36,300	------	40,000	13,500	------
TOTAL	926,900	977,700	1,560,8M	2,574,1M	2,752,6M	3,644,9M	2,335,5M	1,322,2M	1,315,6M	1,374,7M	1,173,6M	1,017,8M
MEAN	29,900	32,590	50,350	83,040	98,310	117,600	77,850	42,650	43,850	44,350	37,860	33,930
MAX	37,300	42,800	102,000	111,000	129,000	229,000	192,000	56,700	56,100	58,700	56,400	76,100
MIN	18,900	24,700	36,600	54,900	77,500	47,400	15,500	35,100	28,000	27,400	13,500	12,000

CAL YR 1974 TOTAL 21,828,700 MEAN 59,800 MAX 212,000 MIN 12,500
WTR YR 1975 TOTAL 20,976,400 MEAN 57,470 MAX 229,000 MIN 12,000

03576148 Cotaco Creek at Florette, Ala.

LOCATION.--Lat 34°24'49", long 86°41'16", in NE 1/4 SE 1/4 sec.24, T.7 S., R.2 W., Morgan County, on left bank at downstream side of bridge on county road, 0.9 mi (1.4 km) east of Florette, 1 mi (1.6 km) upstream from Sixmile Creek, and 3.1 mi (5.0 km) upstream from Wheeler Reservoir boundry.

DRAINAGE AREA.--136 mi^2 (352 km^2).

PERIOD OF RECORD.--October 1965 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 570 ft or 174 m (from topographic map).

AVERAGE DISCHARGE.--10 years, 269 ft^3/s (7.618 m^3/s) 26.86 in/yr (682 mm/yr).

EXTREMES.--Current year: Maximum discharge, 9,190 ft^3/s (260 m^3/s) Mar. 14 (gage height, 15.52 ft or 4,730 m from peak-stage indicator); minimum daily, 1.0 ft^3/s (0.028 m^3/s) Oct. 11, 12.
Period of record: Maximum discharge, 19,500 ft^3/s (552 m^3/s) Dec. 26, 1973 (gage height, 17.89 ft or 5.453 m); minimum, no flow for several days in 1965.

REMARKS.--Records good except those for period of no gage-height record, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	2.3	65	1650	296	290	1170	47	74	29	61	9.4
2	1.4	1.9	73	1030	328	250	861	39	56	92	66	9.4
3	1.4	1.9	53	755	470	220	850	41	43	174	66	7.8
4	1.4	1.6	41	628	666	200	811	54	34	90	49	6.7
5	1.3	1.4	35	559	774	180	579	45	28	40	54	5.9
6	1.2	2.0	30	447	795	170	414	35	25	35	122	5.0
7	1.2	1.5	49	353	680	180	327	295	25	4790	150	7.6
8	1.2	1.2	137	318	522	200	275	893	39	3460	71	7.6
9	1.2	1.1	115	377	414	180	370	683	33	1370	89	9.8
10	1.1	1.1	81	490	354	250	712	507	44	833	400	13
11	1.0	1.5	68	1900	307	600	642	277	216	493	621	14
12	1.0	2.0	63	1660	364	700	404	188	401	327	368	17
13	1.4	1.7	55	1680	437	2000	292	144	237	220	149	13
14	1.1	1.5	49	1250	346	4000	291	112	116	175	101	11
15	2.6	1.3	46	919	292	2600	341	131	95	146	74	11
16	25	1.1	48	735	864	1270	279	262	117	118	67	10
17	25	1.5	46	587	2250	928	237	231	74	91	78	11
18	11	2.7	42	482	2590	755	210	403	53	99	68	12
19	5.9	3.1	41	454	3110	1110	185	293	77	80	52	15
20	4.4	56	40	541	1570	1270	167	194	158	94	91	16
21	4.2	127	39	495	800	910	139	147	54	174	65	16
22	4.5	58	37	397	500	715	120	117	37	118	44	19
23	5.1	36	35	338	450	690	106	91	27	75	35	206
24	5.1	28	248	298	540	1000	98	72	21	121	33	615
25	4.0	26	916	919	500	1500	97	58	17	318	27	769
26	3.7	23	1500	1660	400	995	101	52	15	356	21	382
27	3.4	21	1000	1060	350	700	81	316	14	201	19	175
28	3.8	19	790	748	320	510	67	181	20	127	16	133
29	3.0	17	931	550	---	707	58	96	78	92	13	101
30	2.7	27	2250	433	---	3210	53	119	43	72	11	78
31	2.5	---	2960	353	---	2080	---	105	---	63	10	---
TOTAL	133.0	470.0	11880	24070	21290	30370	10340	6228	2271	14470	3091	2706.0
MEAN	4.30	15.7	383	776	760	980	345	201	75.7	467	99.7	90.2
MAX	25	127	2960	1900	3110	4000	1170	893	401	4790	621	769
MIN	1.0	1.1	30	298	292	170	53	35	14	29	10	5.0
CFSM	.03	.12	2.82	5.71	5.59	7.21	2.54	1.48	.56	3.43	.73	.66
IN.	.04	.13	3.25	6.56	5.82	8.31	2.83	1.70	.62	3.96	.85	.74

CAL YR 1974 TOTAL 98572.50 MEAN 270 MAX 2960 MIN .85 CFSM 1.99 IN 26.96
WTR YR 1975 TOTAL 127319.00 MEAN 349 MAX 4790 MIN 1.0 CFSM 2.57 IN 34.83

PEAK DISCHARGE (BASE, 2,500 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
12-31	0500	12.85	3,400	3-30	1300	13.33	4,100
2-19	0115	13.24	3,950	7-07	1600	15.20	8,300
3-14	Unknown	15.52	9,190				

NOTE.--No gage-height record Feb. 21 to Mar. 14.

03584500 Elk River near Prospect, Tenn.

LOCATION.--Lat 35°01'39", long 86°56'52", Giles County, on right bank 50 ft (15 m) upstream from county road bridge, 1.1 miles (1.8 km) downstream from Richland Creek, 3.2 miles (5.1 km) east of Prospect, 5.4 miles (8.7 km) upstream from Ford Creek, 7.9 miles (12.7 km) upstream from Tennessee-Alabama State line, and at mile 41.5 (66.8 km).

DRAINAGE AREA.--1,784 sq mi (4,621 sq km).

PERIOD OF RECORD.--July 1904 to February 1908, January 1919 to current year. Published as "near Elkmont, Ala." 1904-8, 1919-34. Record for both sites published January to March 1934.

GAGE.--Water-stage recorder. Datum of gage is 563.29 ft (171.691 m) above mean sea level. July 1, 1904, to Feb. 2, 1908, and Jan. 20, 1919, to Mar. 31, 1934, nonrecording gage 11.9 miles (19.1 km) downstream at datum 13.52 ft (4.121 m) lower.

AVERAGE DISCHARGE.--59 years (1904-7, 1919-75), 3,064 cfs (86.77 cu m/s), 23.32 in/yr (592 mm/yr), unadjusted.

EXTREMES.--Current year: Maximum discharge, 84,400 cfs (2,390 cu m/s) Mar. 14, gage height, 37.06 ft (11.296 m), from rating curve extended above 63,000 cfs (1,780 cu m/s) on basis of contracted-opening measurement of peak flow; minimum, 294 cfs (8.33 cu m/s) Aug. 26, gage height, 1.46 ft (0.445 m).

Period of record: Maximum discharge, 117,000 cfs (3,310 cu m/s) Mar. 17, 1973, gage height, 40.12 ft (12.229 m), from rating curve extended above 63,000 cfs (1,780 cu m/s) on basis of contracted-opening measurement of peak flow; minimum, 78 cfs (2.21 cu m/s) Sept. 29, 1961 (caused by highway construction upstream).

Flood in March 1902 reached a stage of 40.9 ft (12.47 m), discharge, 130,000 cfs (3,680 cu m/s), and may have been equaled by a flood in March 1897, from reports by Tennessee Valley Authority.

REMARKS.--Records good except those for period of no gage-height record, which are fair. Flow regulated by Woods Reservoir since May 1952, and by Tims Ford Lake since December 1970.

REVISIONS (WATER YEARS).--WSP 523: 1904-8, 1919-20. WSP 823: Drainage area. WSP 1436: 1920-22, 1923(M), 1924, 1927, 1929, 1931-32(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	738	828	3,260	7,760	3,770	3,350	14,000	2,010	2,050	1,060	535	798
2	691	888	3,520	6,770	3,990	3,290	8,330	1,590	1,680	1,120	604	618
3	664	834	3,000	6,650	5,190	2,350	7,520	1,360	1,030	785	607	514
4	642	809	3,910	7,580	6,750	3,340	6,520	1,620	1,590	815	537	609
5	641	940	4,170	7,060	10,500	3,100	5,870	1,470	1,630	649	763	798
6	627	2,140	4,100	6,330	8,410	2,410	5,490	1,320	1,790	642	1,140	948
7	614	2,500	3,950	5,790	6,240	1,840	5,250	2,440	1,590	1,280	935	1,280
8	614	2,600	5,650	5,830	5,040	1,570	5,080	6,920	1,540	908	728	955
9	613	2,350	3,970	8,340	4,450	1,710	5,000	11,000	1,130	717	686	552
10	618	1,950	3,330	16,500	3,980	2,090	5,080	7,060	1,080	709	821	892
11	614	1,090	3,770	31,600	3,780	2,690	4,870	4,630	2,180	1,900	517	1,540
12	613	1,710	3,570	29,400	4,110	4,540	4,660	3,690	3,940	1,270	449	1,570
13	599	2,860	3,350	11,000	4,030	28,500	3,550	3,160	2,220	821	487	1,520
14	600	2,720	3,190	7,580	3,630	78,100	2,480	2,800	1,590	701	687	1,310
15	650	2,340	3,100	6,880	3,560	50,200	2,430	2,300	2,930	611	702	720
16	837	2,270	2,290	6,580	4,810	27,700	2,300	7,690	4,170	601	786	531
17	965	1,800	2,090	6,380	8,010	12,700	2,780	7,400	2,100	633	775	819
18	900	1,240	2,990	6,210	8,600	11,800	2,390	7,410	1,500	628	667	946
19	886	3,990	2,910	8,370	7,900	13,300	5,450	5,710	1,250	511	661	982
20	1,010	8,440	2,560	13,900	6,630	12,700	6,610	4,740	2,800	1,120	773	1,060
21	878	6,010	2,540	11,100	5,790	10,500	3,480	3,360	2,090	877	764	1,110
22	1,220	4,030	2,470	8,060	5,130	9,900	2,850	3,010	1,850	705	726	786
23	2,420	3,360	1,710	6,930	5,120	9,570	2,530	3,090	1,680	556	684	4,160
24	2,470	2,990	4,210	6,340	6,850	15,000	2,320	2,900	984	664	667	12,100
25	2,350	2,060	18,300	6,410	5,670	17,600	2,340	2,430	1,260	875	437	7,410
26	1,830	1,970	20,400	6,560	4,740	10,500	2,370	2,200	1,190	665	326	3,780
27	1,260	2,940	9,950	4,540	4,260	6,850	2,100	2,110	1,180	559	489	3,580
28	758	2,900	16,300	4,490	3,690	5,530	1,710	2,140	1,330	510	586	3,370
29	729	2,850	18,200	4,250	------	12,400	1,750	2,330	1,510	449	627	3,120
30	843	2,820	14,600	4,100	------	23,100	2,260	2,370	1,170	428	613	2,970
31	841	------	10,000	3,890	------	25,900	------	2,280	------	405	671	------
TOTAL	29,735	76,229	187,360	273,180	154,630	414,130	129,370	114,540	54,034	24,174	20,450	61,348
MEAN	959	2,541	6,044	8,812	5,523	13,360	4,312	3,695	1,801	780	660	2,045
MAX	2,470	8,440	20,400	31,600	10,500	78,100	14,000	11,000	4,170	1,900	1,140	12,100
MIN	599	809	1,710	3,890	3,560	1,570	1,710	1,320	984	405	326	514

CAL YR 1974 TOTAL 1,655,033 MEAN 4,534 MAX 65,000 MIN 587 MEAN† 4,469 CFSM† 2.51 IN.† 34.00
WTR YR 1975 TOTAL 1,539,180 MEAN 4,217 MAX 78,100 MIN 326 MEAN† 4,264 CFSM† 2.39 IN.† 32.45

† Adjusted for change in contents in Woods Reservoir and Tims Ford Lake.

03586500 Big Nance Creek at Courtland, Ala.

LOCATION.--Lat 34°40'12", long 87°19'02", in SW 1/4 sec.30, T.4 S., R.7 W., Lawrence County, near right bank on downstream side of bridge on State Highway 20, at Courtland and at mile 12.9 (20.8 km).

DRAINAGE AREA.--166 mi^2 (430 km^2).

PERIOD OF RECORD.--July 1935 to September 1940, March 1945 to current year.

GAGE.--Water-stage recorder. Datum of gage is 537.60 ft (163.860 m) above mean sea level. July 25, 1935, to Sept. 30, 1940, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--35 years (1935-40, 1945-75), 269 ft^3/s (7.618 m^3/s), 22.01 in/yr (559 mm/yr).

EXTREMES.--Current year: Maximum discharge, 10,200 ft^3/s (289 m^3/s) Mar. 14 (gage height, 21.94 ft or 6.687 m); minimum daily discharge, 1.8 ft^3/s (0.05 m^3/s) Oct. 27.
Period of record: Maximum discharge, 27,200 ft^3/s (770 m^3/s) Mar. 16, 1973 (gage height, 24.97 ft or 7.611 m); minimum daily 0.4 ft^3/s (0.011 m^3/s) Sept. 15-17, 1954, Oct. 3-6, 12-17, 20-22, 1955; minimum gage height observed, (1.18 ft or 0.360 m) Oct. 25, 1954.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 1033: 1939, 1940(M). WSP 1053: 1939(M). WSP 1306: 1936(M).

DISCHARGE, IN CUBIC FEET PER SECOND , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.5	11	39	1740	225	249	988	115	65	23	32	21
2	18	10	86	589	328	210	539	106	63	22	54	21
3	6.0	10	76	439	621	188	672	99	59	20	72	19
4	6.0	14	57	891	884	155	444	104	56	18	123	19
5	6.8	27	48	648	831	146	321	103	51	20	239	41
6	6.8	41	45	387	537	137	269	91	50	26	140	152
7	6.4	15	148	299	368	131	233	289	49	22	74	205
8	6.0	7.2	724	261	282	125	208	1890	61	22	62	131
9	6.0	4.6	335	395	243	119	214	1260	56	26	50	51
10	6.0	3.2	177	2670	223	146	330	691	51	70	68	42
11	5.3	3.5	134	7390	204	448	271	326	537	121	266	83
12	4.9	4.9	120	5520	243	1470	201	211	840	23	159	98
13	5.6	7.2	109	1870	273	4080	169	163	477	23	66	195
14	6.4	7.2	93	613	197	9340	157	134	158	22	51	98
15	12	5.3	82	499	171	5530	184	154	101	21	46	56
16	25	6.8	80	541	831	1600	177	760	85	149	102	45
17	32	11	80	450	1970	658	152	658	79	48	157	41
18	19	16	70	362	1200	603	140	948	65	26	137	46
19	9.5	59	61	435	901	1980	220	609	55	24	70	47
20	4.9	435	58	867	473	1650	774	296	49	71	56	45
21	3.0	246	54	615	335	593	450	204	45	197	45	40
22	2.6	99	50	391	268	454	198	159	42	95	38	49
23	2.4	58	46	314	271	462	161	133	38	51	40	812
24	2.6	49	275	276	554	1580	143	116	34	39	32	2680
25	2.4	33	1540	658	339	2320	137	103	30	41	32	2680
26	2.0	33	1700	772	223	700	155	92	26	403	28	1000
27	1.8	35	903	366	236	375	228	85	26	208	26	529
28	2.2	26	1430	282	401	305	205	82	26	65	23	182
29	4.9	22	1460	248	---	1610	145	75	25	42	22	147
30	11	23	2670	273	---	4360	125	70	25	33	25	125
31	11	---	3100	273	---	3580	---	67	---	31	23	---
TOTAL	248.0	1323.0	15850	31330	13630	45300	8610	10190	3324	2002	2358	9700
MEAN	8.00	44.1	511	1011	487	1461	287	329	111	64.6	76.1	323
MAX	32	435	3100	7390	1970	9340	988	1890	840	403	266	2680
MIN	1.8	3.2	39	248	171	119	125	67	25	18	22	19
CFSM	.05	.27	3.08	6.09	2.93	8.80	1.73	1.98	.67	.39	.46	1.95
IN.	.06	.30	3.55	7.02	3.05	10.15	1.93	2.28	.74	.45	.53	2.17

CAL YR 1974 TOTAL 123176.3 MEAN 337 MAX 4000 MIN 1.8 CFSM 2.03 IN 27.60
WTR YR 1975 TOTAL 143865.0 MEAN 394 MAX 9340 MIN 1.8 CFSM 2.37 IN 32.24

PEAK DISCHARGE (BASE, 3,800 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
1-11	1700	21.04	8,470	3-30	1600	17.91	4,950
3-14	1200	21.94	10,200				

03588500 Shoal Creek at Iron City, Tenn.

LOCATION.--Lat 35°01'27", long 87°34'44", Lawrence County, near center of span on downstream side of bridge on county road, 400 ft (122 m) downstream from Holly Creek, 1,350 ft (411 m) upstream from Louisville and Nashville Railroad bridge, 1,350 ft (411 m) northeast of Iron City Post Office, and at mile 22.3 (35.9 km) (revised).

DRAINAGE AREA.--348 sq mi (901 sq km).

PERIOD OF RECORD.--July 1925 to current year.

GAGE.--Water-stage recorder. Datum of gage is 534.22 ft (162.830 m) above mean sea level. Prior to Feb. 25, 1931, nonrecording gage at railroad bridge, 1,350 ft (411 m) downstream at datum 0.85 ft (0.259 m) lower. Feb. 25, 1931, to Sept. 30, 1933, nonrecording gage at site 825 ft (251 m) downstream and Oct. 1, 1933, to Sept. 30, 1957, water-stage recorder at site 750 ft (229 m) downstream at datum 0.69 ft (0.210 m) higher.

AVERAGE DISCHARGE.--50 years, 641 cfs (18.15 cu m/s), 25.01 in/yr (635 mm/yr).

EXTREMES.--Current year: Maximum discharge, 53,200 cfs (1,510 cu m/s) Mar. 14, gage height, 24.03 ft (7.324 m), from high-water mark; minimum, 130 cfs (3.68 cu m/s) Oct. 13, 14, 15.

Period of record: Maximum discharge, 132,000 cfs (3,740 cu m/s) Mar. 21, 1955, gage height, 27.25 ft (8.306 m), site and datum then in use, from rating curve extended above 32,000 cfs (906 cu m/s) on basis of contracted-opening measurement at gage height 22.9 ft (6.98 m) and a slope-area measurement at gage height 27.25 ft (8.306 m); minimum, 38 cfs (1.08 cu m/s) Aug. 31, 1943.

Flood in March 1902 reached a stage about 3 ft (0.914 m) higher than that of Mar. 21, 1955, from information by local residents.

REMARKS.--Records good. Prior to January 1951, diurnal fluctuation at low flow caused by powerplant near Lawrenceburg.

REVISIONS (WATER YEARS).--WSP 823: Drainage area. WSP 113: 1927(M). WSP 1436: 1926(M), 1927-29, 1930(M), 1932, 1933(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	219	165	323	1,330	495	741	2,060	698	518	267	328	175
2	201	168	301	1,060	615	713	1,600	623	440	250	406	152
3	183	159	279	973	730	620	1,620	649	404	293	313	148
4	183	174	257	934	1,700	559	1,200	645	383	276	411	142
5	183	491	245	811	3,110	523	1,030	568	366	239	1,230	146
6	177	339	239	730	1,980	495	915	529	358	255	570	808
7	174	246	584	647	1,410	491	830	741	352	360	391	729
8	177	207	1,050	746	1,120	487	766	966	344	284	318	354
9	171	192	785	1,330	956	442	820	1,800	331	241	290	267
10	168	180	615	6,690	811	559	963	1,250	360	840	326	244
11	162	252	531	14,200	769	638	800	976	440	432	278	571
12	162	389	491	3,030	822	3,000	714	809	447	291	250	368
13	162	282	424	1,870	724	15,000	662	674	351	271	228	312
14	159	245	374	1,350	652	34,000	651	593	332	247	216	248
15	198	224	388	1,140	620	12,000	659	1,090	448	225	213	219
16	543	201	464	967	1,080	5,000	603	2,000	432	214	235	202
17	342	207	420	832	2,330	3,000	579	1,930	345	209	260	220
18	255	282	385	811	2,260	2,000	562	2,870	315	208	321	288
19	222	487	361	2,280	2,100	1,500	723	1,740	297	250	561	238
20	201	1,020	333	4,190	1,540	1,240	744	1,230	322	445	337	458
21	189	708	310	2,120	1,190	1,090	634	977	291	547	261	579
22	183	511	285	1,510	995	1,130	598	805	274	332	228	380
23	177	413	267	1,170	1,220	1,250	571	685	260	275	210	440
24	177	357	2,150	1,010	2,300	3,370	556	608	249	266	196	2,110
25	171	427	9,840	945	1,420	2,590	611	553	250	483	187	1,400
26	168	388	3,220	827	1,080	1,690	589	512	277	321	176	892
27	165	340	2,670	702	907	1,310	557	661	330	264	169	643
28	159	310	5,460	638	806	1,120	528	519	344	236	160	511
29	162	282	3,100	593	------	2,790	615	525	442	219	157	427
30	189	282	2,430	555	------	9,740	782	526	312	210	161	371
31	177	------	1,730	519	------	3,330	------	487	------	208	185	------
TOTAL	6,159	9,928	40,311	56,510	35,742	112,418	24,542	29,239	10,614	9,458	9,572	14,042
MEAN	199	331	1,300	1,823	1,277	3,626	818	943	354	305	309	468
MAX	543	1,020	9,840	14,200	3,110	34,000	2,060	2,870	518	840	1,230	2,110
MIN	159	159	239	519	495	442	528	487	249	208	157	142
CFSM	.57	.95	3.74	5.24	3.67	10.4	2.35	2.71	1.02	.88	.89	1.34
IN.	.66	1.06	4.31	6.04	3.82	12.02	2.62	3.13	1.13	1.01	1.02	1.50

CAL YR 1974 TOTAL 367,642 MEAN 1,007 MAX 26,600 MIN 159 CFSM 2.89 IN 39.30
WTR YR 1975 TOTAL 358,535 MEAN 982 MAX 34,000 MIN 142 CFSM 2.82 IN 38.33

PEAK DISCHARGE (BASE, 6,500 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G. HT.	DISCHARGE
12-25	0945	15.36	13,400	03-14	Unknown	[a]24.03	53,200
12-28	0800	11.23	6,790	03-30	0915	15.23	13,100
01-11	0215	19.21	26,300				

[a]From high-water mark.

TENNESSEE RIVER MAIN STEM

03589500 Tennessee River at Florence, Ala.

LOCATION.--Lat 34°47'13", long 87°40'12", in SW 1/4 sec.14, T.3 S., R.11 W., Lauderdale County, on right bank at lower end of Patton Island, 137 ft (41.8 m) upstream from Southern Railway bridge, 700 ft (213 m) upstream from O'Neal Bridge on U.S. Highway 72, 1.1 mi (1.8 km) south of Florence Post Office, 1.7 mi (2.7 km) upstream from Cypress Creek, 2.7 mi (4.3 km) downstream from Wilson Dam, and at mile 256.7 (413.0 km).

DRAINAGE AREA.--30,810 mi^2, approximately, (79,798 km^2).

PERIOD OF RECORD.--November 1871 to September 1894 (gage heights only), October 1894 to current year.

GAGE.--Water-stage recorder. Datum of gage is 401.12 ft (122.261 m) above mean sea level. Prior to Apr. 1, 1926, several National Weather Service staff gages at or near Southern Railway bridge 137 ft (41.8 m) downstream at same datum. Apr. 1, 1926, to Mar. 11, 1958, water-stage recorder on left bank at lower end of old lock and dam, 1,400 ft (427 m) upstream at same datum. Since Oct. 1, 1938, auxiliary water-stage recorder 15.2 mi (24.5 km) downstream.

AVERAGE DISCHARGE.--81 years, 51,610 ft^3/s (1,462 m^3/s) 22.75 in/yr (578 mm/yr).

EXTREMES.--Current year: Maximum discharge, 341,000 ft^3/s (9,660 m^3/s) Mar. 14 (gage height, 24.99 ft or 7.617 m); minimum daily, 17,600 ft^3/s (498 m^3/s) June 8.

Period of record: Maximum discharge 530,000 ft^3/s (1,500 m^3/s) Mar. 17, 1973 (gage height, 30.03 ft or 9.153 m); minimum daily, 105 ft^3/s (2.97 m^3/s) Sept. 7, 1969 (computed on basis of Wilson Dam records); minimum gage height, -.30 ft (-0.914 m) Oct. 8, 1925, caused by filling of Wilson Lake.

Flood in 1867 reached a stage of 31.1 ft (9.48 m), from National Weather Service records discharge, 421,000 ft^3/s (1,190 m^3/s). Maximum discharge observed, 444,000 ft^3/s (1,260 m^3/s) Mar. 19, 1897 (gage height, 32.5 ft or 9.91 m).

REMARKS.--Records good except those below 25,000 ft^3/s (708 m^3/s), which are fair. Slight regulation since 1924 by Wilson Lake and increasing regulation since 1936 as other reservoirs have been built above station. Flow now almost completely regulated.

REVISIONS (WATER YEARS).--WSP 473: 1897(M). WSP 1306: 1914(M), 1936 (monthly runoff). WSP 1436: 1897, 1899, 1916.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36,500	33,500	39,200	139,000	112,000	91,000	212,000	45,700	34,000	47,500	42,800	32,100
2	37,300	31,200	47,600	125,000	91,600	85,500	218,000	37,500	40,700	43,000	46,900	43,600
3	33,600	29,300	39,800	106,000	101,000	82,000	223,000	40,700	47,200	47,800	36,000	54,500
4	34,400	35,600	46,100	106,000	116,000	63,800	201,000	37,500	53,700	41,800	39,400	46,400
5	28,200	34,300	62,600	105,000	127,000	60,400	209,000	56,300	45,200	37,900	40,700	31,900
6	25,900	36,800	59,100	92,900	134,000	57,300	185,000	59,200	34,100	46,100	41,900	19,000
7	33,200	38,100	63,100	84,000	132,000	58,800	160,000	58,000	21,700	45,900	43,500	22,300
8	35,500	35,300	64,200	80,100	131,000	59,600	142,000	35,200	17,600	52,000	46,300	31,100
9	33,800	37,100	64,500	76,300	127,000	51,600	132,000	65,400	50,600	61,400	38,000	45,800
10	32,200	31,600	60,400	105,000	116,000	73,900	91,000	61,400	50,700	61,800	35,400	48,400
11	36,500	31,000	59,800	152,000	117,000	76,300	81,300	54,900	55,900	52,000	35,600	54,000
12	30,600	38,800	57,200	131,000	114,000	96,900	55,900	48,700	68,500	43,400	44,100	53,300
13	18,800	34,600	53,500	125,000	108,000	213,000	52,700	49,300	66,000	38,600	36,500	39,400
14	33,200	34,900	52,500	123,000	108,000	304,000	66,300	45,500	58,500	42,600	38,000	32,100
15	31,000	34,400	50,900	123,000	109,000	307,000	55,100	46,200	52,100	41,400	39,600	42,800
16	36,200	34,600	51,100	115,000	113,000	296,000	57,400	51,000	60,200	45,200	39,500	37,400
17	39,500	29,600	52,900	106,000	132,000	268,000	59,100	59,000	67,900	40,100	30,900	40,800
18	34,900	32,700	48,000	106,000	138,000	237,000	70,600	67,900	67,500	33,500	35,800	32,800
19	38,700	38,500	51,600	107,000	135,000	201,000	63,100	66,000	60,600	45,300	42,500	47,900
20	22,000	56,800	52,900	108,000	138,000	172,000	50,700	71,300	57,600	41,600	42,500	37,700
21	30,600	57,300	52,600	107,000	150,000	144,000	62,300	62,200	52,900	43,100	40,900	22,500
22	35,600	49,700	41,200	107,000	152,000	138,000	59,000	58,600	35,000	47,600	33,600	34,300
23	34,100	56,000	42,100	106,000	142,000	137,000	61,300	49,900	52,400	53,400	36,600	62,700
24	33,200	40,300	48,500	99,400	118,000	149,000	42,500	44,200	46,700	48,200	34,000	115,000
25	32,800	47,400	66,200	107,000	104,000	153,000	37,600	38,700	53,000	49,600	28,000	97,100
26	31,200	40,200	79,300	122,000	99,900	154,000	26,900	34,400	37,300	58,400	43,500	77,300
27	25,300	46,600	106,000	121,000	105,000	156,000	19,100	42,100	31,300	46,900	42,500	61,400
28	31,500	41,500	109,000	129,000	107,000	165,000	43,900	36,600	44,200	47,400	40,700	45,800
29	30,800	36,900	107,000	131,000	------	192,000	45,200	42,900	37,700	44,800	36,200	52,500
30	35,400	32,100	136,000	133,000	------	213,000	43,500	48,900	46,500	39,200	44,100	47,600
31	37,900	------	137,000	126,000	------	215,000	------	43,100	------	40,500	30,600	------
TOTAL	1,010.4M	1,156.7M	2,001.9M	3,503.7M	3,377.5M	4,671.1M	2,826.5M	1,558.3M	1,447.3M	1,428.0M	1,206.6M	1,409.5M
MEAN	32,590	38,560	64,580	113,000	120,600	150,700	94,220	50,270	48,240	46,060	38,920	46,980
MAX	39,500	57,300	137,000	152,000	152,000	307,000	223,000	71,300	68,500	61,800	46,900	115,000
MIN	18,800	29,300	39,200	76,300	91,600	51,600	19,100	34,400	17,600	33,500	28,000	19,000

CAL YR 1974 TOTAL 26,099,100 MEAN 71,500 MAX 308,000 MIN 16,900
WTR YR 1975 TOTAL 25,597,500 MEAN 70,130 MAX 307,000 MIN 17,600

03591800 Bear Creek near Hackleburg, Ala.

LOCATION.--Lat 34°17'01", long 87°46'26", in SW 1/4 sec.11, T.9 S., R.12 W., Marion County, on right bank at downstream side of bridge on Alabama Highway 172, 2 mi (3.2 km) upstream from Bluff Creek, 3.5 mi (5.6 km) east of Hackleburg, and at mile 104.8 (168.6 km).

DRAINAGE AREA.--143 mi^2 (370 km^2).

PERIOD OF RECORD.--July 1956 to current year.

GAGE.--Water-stage recorder. Datum of gage is 646.50 ft (197.053 m) above mean sea level.

AVERAGE DISCHARGE.--19 years, 280 ft^3/s (7.930 m^3/s), 26.59 in/yr (675 mm/yr).

EXTREMES.--Current year: Maximum discharge, 13,400 ft^3/s (379 m^3/s) Mar. 13 (gage height, 27.83 ft or 8.483 m); minimum daily, 31 ft^3/s (0.88 m^3/s) Sept. 5.
Period of record: Maximum discharge, 24,300 ft^3/s (688 m^3/s) Mar. 16, 1973 (gage height, 39.00 ft or 11.887 m); minimum, 6.1 ft^3/s (0.17 m^3/s) Sept. 18, 19, 1956.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	38	133	1090	319	363	831	190	104	58	404	35
2	38	38	115	723	454	351	603	169	90	51	457	32
3	34	37	100	625	671	312	484	154	79	47	255	30
4	32	43	89	723	821	291	399	167	72	44	167	27
5	32	196	81	562	799	274	353	160	67	39	158	26
6	32	118	80	484	609	262	328	138	65	38	154	109
7	32	69	399	425	484	250	310	319	67	65	115	93
8	32	56	512	428	420	241	301	404	76	93	89	68
9	31	52	339	467	387	220	446	326	61	61	104	50
10	31	48	259	4030	351	312	473	415	989	98	202	66
11	30	63	218	4170	337	3450	346	269	1110	332	332	49
12	30	76	202	1310	420	2260	303	224	641	141	161	73
13	29	65	165	831	353	9620	293	190	335	80	107	93
14	28	55	143	612	330	5570	328	154	230	61	82	68
15	45	57	140	527	317	1540	372	1420	501	51	68	48
16	150	56	140	484	1570	978	306	1270	387	45	64	43
17	86	62	123	433	2110	730	283	651	264	40	33	48
18	55	74	107	422	1360	748	266	501	194	37	188	67
19	44	319	104	723	941	1530	428	360	150	38	200	64
20	39	535	98	921	590	850	553	286	173	83	262	53
21	37	344	91	635	506	619	394	237	130	198	145	51
22	36	230	87	504	430	495	332	198	107	98	101	57
23	34	173	80	435	467	428	286	167	90	65	100	584
24	35	145	972	404	530	2130	262	147	77	103	85	1390
25	37	150	2480	856	415	1180	257	130	67	81	66	530
26	37	130	1050	606	358	665	259	118	66	67	55	346
27	37	112	891	481	404	487	235	110	67	73	47	257
28	37	101	1270	420	387	412	230	103	85	59	42	200
29	37	90	2430	382	---	2560	210	98	85	48	38	160
30	37	98	3190	367	---	3280	196	147	69	43	37	133
31	38	---	2340	337	---	1380	---	120	---	48	36	---
TOTAL	1275	3630	18430	25420	17140	43790	10670	9342	6498	2385	4354	4850
MEAN	41.1	121	594	820	612	1413	356	301	217	76.9	140	162
MAX	150	535	3190	4170	2110	9620	831	1420	1110	332	457	1390
MIN	28	37	80	337	317	220	196	98	61	37	33	26
CFSM	.29	.85	4.15	5.73	4.28	9.88	2.49	2.10	1.52	.54	.98	1.13
IN.	.33	.94	4.79	6.61	4.46	11.39	2.78	2.43	1.69	.62	1.13	1.26

CAL YR 1974 TOTAL 132,674 MEAN 363 MAX 3190 MIN 19 CFSM 2.54 IN 34.49
WTR YR 1975 TOTAL 147,784 MEAN 405 MAX 9620 MIN 26 CFSM 2.83 IN 38.44

PEAK DISCHARGE (BASE, 3,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
12-25	1000	12.55	3,480	3-13	1730	27.83	13,400
12-30	1900	14.58	4,320	3-24	1300	12.72	3,550
1-10	1845	21.03	7,920	3-30	0700	14.62	4,340
2-17	0545	11.68	3,130				

03592000 Bear Creek near Red Bay, Ala.

LOCATION.--Lat 34°26'38", long 88°06'56", in NE 1/4 sec.21, T.7 S., R.15 W., Franklin County, on left bank 185 ft (56 m) upstream from bridge on State Highway 24, 108 ft (73 m) shoreward from top of bank, 1.8 mi (2.9 km) east of Red Bay, and at mile 61.9 (99.6 km).

DRAINAGE AREA.--263 mi^2 (681 km^2).

PERIOD OF RECORD.--August 1913 to May 1920, July 1958 to September 1967. October 1967 to September 1968 (annual maximum only). March 1969 to current year. Prior to October 1918 monthly discharge only, published in WSP 1306.

GAGE.--Water-stage recorder. Datum of gage is 506.42 ft (154.357 m) above mean sea level, levels by Tennessee Valley Authority. August 1913 to May 1920, nonrecording gage at site 0.7 mi (1.1 km) upstream at various datums. July 1, 1958, to Oct. 27, 1959, nonrecording gage, Oct. 28, 1959, to Sept. 30, 1967, water-stage recorder at site 185 ft (56 m) downstream at present datum.

AVERAGE DISCHARGE.--21 years (1913-19, 1958-67, 1970-75), 491 ft^3/s (13.91 m^3/s), 25.35 in/yr (644 mm/yr).

EXTREMES.--Current year: Maximum discharge, 14,600 ft^3/s (413 m^3/s) Mar. 14 (gage height, 16.22 ft or 4.944 m); minimum daily 39 ft^3/s (1.10 m^3/s) Nov. 8-10.
Period of record: Maximum discharge, 34,800 ft^3/s (986 m^3/s) Mar. 17, 1973, gage height, 17.62 ft (5.371 m); minimum daily discharge, 10 ft^3/s (0.28 m^3/s) Aug. 15-17, Sept. 17, 1918.

REMARKS.--Records good. Flow partially regulated by Bear Creek Dam 12.5 mi (20.1 km) upstream since Mar. 14, 1967.

REVISIONS (WATER YEARS).--WSP 1306: 1920(M). WSP 1726: 1920 (corrected monthly means).

DISCHARGE, IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	157	91	208	2370	1330	531	2350	456	207	169	518	64
2	91	84	208	2220	1290	620	2290	359	196	185	713	64
3	86	82	208	2220	1280	616	2250	363	171	170	855	63
4	59	81	203	2170	1300	609	2190	357	102	101	798	46
5	55	160	191	2080	1300	534	2130	327	112	91	591	71
6	54	221	193	2030	1270	441	2070	272	170	90	365	629
7	55	45	268	1930	1240	435	2000	339	178	112	330	436
8	69	39	495	1830	1200	429	1940	292	245	222	249	361
9	84	39	836	1730	1140	426	1840	471	193	288	184	356
10	84	39	900	3750	988	392	1500	782	301	365	181	359
11	84	65	592	3410	498	796	1450	713	537	430	181	392
12	84	156	409	2010	454	1530	1410	691	944	665	338	498
13	84	122	259	1980	489	5610	1380	608	1450	335	502	480
14	84	130	346	1910	517	11200	1350	359	1410	261	175	464
15	317	122	350	1850	425	9330	1310	594	1490	185	173	559
16	804	49	289	1810	930	4310	1170	945	1100	162	228	728
17	771	47	140	1760	1580	2200	705	2130	549	93	212	717
18	737	48	162	1730	1660	2520	631	1830	472	89	230	675
19	592	154	224	1750	1610	2280	663	1600	1270	88	599	535
20	492	626	189	1730	1560	2230	625	1350	890	92	195	353
21	521	1190	188	1690	1500	2210	568	953	217	104	329	331
22	464	713	186	1640	1440	2170	760	319	209	116	392	311
23	341	410	184	1600	1410	2130	831	323	177	166	177	329
24	308	387	583	1560	1140	2730	818	362	101	167	174	712
25	261	353	1600	1550	752	2280	667	360	101	177	174	1300
26	145	274	1780	1530	635	2210	421	332	170	176	171	1200
27	136	256	1800	1500	480	2180	449	282	172	171	154	1010
28	128	213	1570	1470	468	2140	394	254	104	167	84	754
29	186	210	3040	1440	---	5360	435	257	96	167	58	481
30	251	207	2080	1390	---	3350	523	217	109	168	63	343
31	116	---	2740	1380	---	2550	---	209	---	175	64	---
TOTAL	7700	6613	22420	59020	29890	76350	37120	18710	13440	5947	9457	14620
MEAN	248	220	723	1904	1067	2463	1237	603	448	192	305	487
MAX	804	1190	3040	3750	1660	11200	2350	2130	1490	665	855	1300
MIN	54	39	140	1380	425	392	394	209	96	88	58	46
CFSM	.94	.84	2.75	7.24	4.06	9.37	4.70	2.29	1.70	.73	1.16	1.85
IN.	1.09	.94	3.17	8.35	4.23	10.80	5.25	2.65	1.90	.84	1.34	2.07

CAL YR 1974 TOTAL 258703 MEAN 709 MAX 3350 MIN 28 CFSM 2.70 IN 36.59
WTR YR 1975 TOTAL 301287 MEAN 825 MAX 11200 MIN 39 CFSM 3.14 IN 42.62

PEAK DISCHARGE (BASE, 4,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
12-29	1315	14.63	5,020	3-14	1445	16.22	14,600
1-10	2130	15.10	6,930	3-29	1315	15.21	7,480

03592200 Cedar Creek near Pleasant Site, Ala.

LOCATION.--Lat 34°32'56", long 88°01'09", in SW¼ sec. 9, T. 6 S., R. 14 W., Franklin County, on left bank on downstream side of pier of highway bridge, 2.6 mi (4.2 km) east of Pleasant Site, 4.3 mi (6.9 km) upstream from Little Bear Creek, and at mile 19.1 (30.7 km).

DRAINAGE AREA.--189 mi^2 (490 km^2).

PERIOD OF RECORD.--August 1957 to current year.

GAGE.--Water-stage recorder. Datum of gage is 482.67 ft (147.118 m) above mean sea level.

AVERAGE DISCHARGE.--18 years, 343 ft^3/s (9.714 m^3/s) 24.65 in/yr (626 mm/yr).

EXTREMES.--Current year: Maximum discharge, 12,900 ft^3/s (365 m^3/s) Mar. 14 (gage height, 21.50 ft or 6.553 m); minimum daily, 17 ft^3/s (0.48 m^3/s) July 19.

Period of record: Maximum discharge, 27,100 ft^3/s (767 m^3/s) Mar. 16, 1973, gage height, 28.02 ft (8.540 m); minimum daily, 1.6 ft^3/s (0.045 m^3/s) Aug. 31, 1962.

Flood of Feb. 13, 1948, reached a stage of 22.9 ft (6.98 m) discharge, 15,200 ft^3/s (430 m^3/s) revised; flood of Mar. 28, 1951, reached a stage of 22.2 ft (6.77 m) discharge, 14,000 ft^3/s (396 m^3/s) revised; flood of Mar. 21, 1955, reached a stage of 24.4 ft (7.44 m) discharge, 17,900 ft^3/s (507 m^3/s) revised; from flood profiles furnished by Tennessee Valley Authority.

REMARKS.--Records good. Diurnal fluctuation and regulation of low flows caused by diversion for municipal water supply and sewage disposal for city of Russellville.

DISCHARGE, IN CUBIC FEET PER SECOND , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	30	146	1280	311	319	1090	210	129	46	537	36
2	26	31	132	862	344	304	853	184	111	40	419	26
3	24	29	114	936	508	266	773	212	97	42	188	21
4	22	39	110	959	781	246	599	208	86	36	135	18
5	21	20	113	668	755	231	516	169	79	32	218	33
6	20	120	94	550	555	218	456	151	77	55	148	796
7	22	80	492	466	456	212	409	1530	81	67	114	762
8	23	60	524	498	395	204	375	615	74	61	94	196
9	21	50	299	503	365	186	607	602	66	38	90	125
10	20	45	224	4660	326	331	553	696	214	36	82	104
11	19	52	200	7020	354	1410	397	370	877	66	108	86
12	20	78	192	1940	464	1720	336	285	811	43	93	369
13	18	66	164	1090	326	8510	306	233	285	33	71	214
14	40	62	146	805	285	12100	349	216	192	35	59	113
15	80	61	143	676	262	4520	351	1460	718	28	51	82
16	190	61	145	596	1760	1430	301	2040	331	24	85	68
17	102	61	129	511	1410	1050	278	914	200	21	146	386
18	68	70	117	495	936	868	259	660	157	19	90	264
19	48	569	109	880	738	1430	1120	464	130	17	112	156
20	37	844	105	924	569	959	773	367	130	111	93	147
21	31	431	98	632	479	707	477	299	114	97	71	116
22	31	259	89	503	421	641	392	250	100	58	56	97
23	31	198	84	456	715	566	341	216	85	43	68	628
24	31	167	1050	421	563	3180	306	188	71	67	57	1490
25	31	180	2930	518	407	1430	354	169	65	61	43	563
26	32	158	993	461	344	832	339	158	62	182	36	362
27	30	133	1500	390	365	660	306	166	59	73	32	261
28	28	120	1930	354	362	563	271	140	58	49	29	203
29	37	108	3170	331	---	5350	285	200	61	38	25	166
30	27	120	4720	395	---	4770	237	158	55	32	24	140
31	28	---	2980	339	---	1700	---	135	---	42	59	---
TOTAL	1186	4302	23242	31119	15556	56913	14009	13665	5575	1592	3433	8028
MEAN	38.3	143	750	1004	556	1836	467	441	186	51.4	111	268
MAX	190	844	4720	7020	1760	12100	1120	2040	877	182	537	1490
MIN	18	20	84	331	262	186	237	135	55	17	24	18
CFSM	.20	.76	3.97	5.31	2.94	9.71	2.47	2.33	.98	.27	.59	1.42
IN.	.23	.85	4.57	6.13	3.06	11.20	2.76	2.69	1.10	.31	.68	1.58

CAL YR 1974 TOTAL 183596 MEAN 503 MAX 6630 MIN 18 CFSM 2.66 IN 36.14
WTR YR 1975 TOTAL 178620 MEAN 489 MAX 12100 MIN 17 CFSM 2.59 IN 35.16

PEAK DISCHARGE (BASE, 3,500 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12-30	1015	15.00	5,360	3-14	0330	21.50	12,900
1-10	2230	18.80	9,120	3-29	1345	17.76	7,960

03592300 Little Bear Creek near Halltown, Ala.

LOCATION.--Lat 34°29'19", long 88°02'07", in NW 1/4 sec.5, T.7 S., R.14 W., Franklin County, near right bank on downstream side of highway bridge, 2.7 mi (4.3 km) northeast of Halltown, and at mile 4.3 (6.9 km).

DRAINAGE AREA.--78.2 mi^2 (202.5 m^2).

PERIOD OF RECORD.--August 1957 to current year.

GAGE.--Water-stage recorder. Datum of gage is 499.30 ft (152.187 m) above mean sea level.

AVERAGE DISCHARGE.--18 years, 150 ft^3/s (4.248 m^3/s) 26.05 in/yr (662 mm/yr).

EXTREMES.--Current year: Maximum discharge, 8,200 ft^3/s (232 m^3/s) Mar. 13 (gage height, 14.23 ft or 4.337 m); minimum daily, 15 ft^3/s (0.42 m^3/s) Oct. 6, 10, 11, 13, 14.

Period of record: Maximum discharge, 20,400 ft^3/s (578 m^3/s) Mar. 16, 1973 (gage height, 18.18 ft or 5.541 m); minimum daily discharge, 3.3 ft^3/s (0.093 m^3/s) Oct. 6, 14, 1963.

Flood of Mar. 28, 1951, reached a stage of 11.7 ft (3.57 m), discharge, 3,640 ft^3/s (103 m^3/s); flood of Mar. 21, 1955, reached a stage of 13.7 ft (4.18 m), discharge, 6,800 ft^3/s (193 m^3/s); from flood profiles furnished by Tennessee Valley Authority.

REMARKS.--Records good. Occasional slight diurnal fluctuation at low flow caused by mill above station.

DISCHARGE, IN CUBIC FEET PER SECOND , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	25	73	583	153	140	350	108	60	39	233	36
2	21	26	68	393	177	143	265	99	56	44	258	30
3	18	21	59	395	236	134	200	100	57	37	148	26
4	19	26	54	395	322	115	225	101	58	33	107	24
5	19	116	50	304	330	113	199	92	121	32	127	42
6	15	68	50	255	270	115	179	86	360	37	109	145
7	16	44	168	217	224	125	165	86	263	46	84	129
8	18	37	212	204	196	100	154	160	139	52	68	82
9	16	33	150	204	181	98	185	152	120	44	62	69
10	15	30	115	2450	165	122	171	160	200	120	59	55
11	15	37	101	2740	159	666	148	138	1000	260	64	34
12	16	44	95	707	166	853	135	117	600	113	62	101
13	15	39	79	477	146	5510	132	100	350	67	50	88
14	15	36	71	363	134	3360	147	104	200	56	44	67
15	36	36	70	306	128	806	145	667	300	45	40	51
16	83	35	72	274	572	472	132	1070	170	70	54	44
17	46	34	64	234	565	346	127	658	110	65	89	75
18	32	36	59	220	397	314	128	316	90	47	73	90
19	26	266	56	302	320	453	305	224	78	41	71	84
20	22	489	55	357	261	301	292	178	70	53	66	73
21	21	226	51	281	224	184	216	147	67	76	54	65
22	20	140	49	238	196	194	176	102	63	61	45	59
23	20	101	47	210	243	202	154	97	55	48	40	121
24	20	83	444	197	234	1290	141	97	49	44	38	358
25	20	89	1220	254	181	449	146	102	46	48	35	258
26	21	77	453	222	162	250	154	89	44	51	33	162
27	19	66	626	191	115	211	138	83	44	42	31	120
28	21	60	837	175	142	1580	127	89	43	36	29	96
29	23	55	2250	169	---	2350	120	85	46	46	28	81
30	25	59	2020	180	---	816	114	78	44	45	28	71
31	25	---	1360	163	---	467	---	66	---	48	33	---
TOTAL	718	2434	11080	13660	6599	22280	5270	5751	4903	1846	2262	2736
MEAN	23.2	81.1	357	441	236	719	176	186	163	59.5	73.0	91.2
MAX	83	489	2250	2740	572	5510	350	1070	1000	260	258	358
MIN	15	21	47	163	115	98	114	66	43	32	28	24
CFSM	.30	1.04	4.57	5.64	3.02	9.19	2.25	2.38	2.08	.76	.93	1.17
IN.	.34	1.16	5.27	6.50	3.14	10.60	2.51	2.74	2.33	.88	1.08	1.30

CAL YR 1974 TOTAL 76230 MEAN 209 MAX 3120 MIN 15 CFSM 2.67 IN 36.26
WTR YR 1975 TOTAL 79539 MEAN 218 MAX 5510 MIN 15 CFSM 2.79 IN 37.83

EAK DISCHARGE (BASE, 1,500 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12-25	1400	7.42	1,700	3-24	1145	11.45	3,190
12-29	1845	10.49	3,220	3-28	2015	11.08	3,730
1-10	2045	12.60	5,360	5-15	2245	8.19	1,900
3-13	1730	14.23	8,200				

03592500 Bear Creek at Bishop, Ala.

LOCATION.--Lat 34°39'21", long 88°07'21", in SE 1/4 sec.5, T.5 S., R.15 W., Colbert County, on left bank 250 ft (76 m) upstream from highway bridge, 0.5 mi (0.8 km) downstream from Cedar Creek, 0.8 mi (1.3 km) southwest of Bishop, and at mile 27.3 (43.9 km).

DRAINAGE AREA.--667 mi^2 (1,728 km^2).

PERIOD OF RECORD.--August 1926 to June 1928, February 1929 to March 1932, June 1933 to current year.

GAGE.--Water-stage recorder. Datum of gage is 419.91 ft (127.989 m) above mean sea level. Nonrecording gage prior to June 23, 1928, and Feb. 10, 1929, to Mar. 31, 1932, at site 35 ft (11 m) downstream, and June 7, 1933, to May 28, 1934, at bridge 20 ft (6 m) downstream at datum 5.00 ft (1.524 m) lower.

AVERAGE DISCHARGE.--45 years (1926-27, 1929-31, 1933-75), 1,128 ft^3/s (31.94 m^3/s) 22.97 in/yr (583 mm/yr).

EXTREMES.--Current year: Maximum discharge, 31,200 ft^3/s (884 m^3/s) Mar. 14 (gage height, 20.62 ft or 6.285 m); minimum daily, 124 ft^3/s (3.51 m^3/s) Oct. 7, 8.
Period of record: Maximum discharge, 60,800 ft^3/s (1,720 m^3/s) Mar. 17, 1973, gage height, 24.12 ft or 7.352 m, in gage well; 25.2 ft (7.67 m) from floodmarks 20 ft (6.1 m) upstream from gage; minimum discharge, 9.3 ft^3/s (0.26 m^3/s) Sept. 15-17, 1954; minimum gage height, -0.15 ft (-0.046 m) Sept. 1, 1943.

REMARKS.--Records good. Flow partially regulated by Bear Creek Reservoir 47.3 mi (76.1 km) upstream beginning Mar. 14, 1969.

REVISIONS (WATER YEARS).--WSP 698: 1929, WSP 823: Drainage area. WSP 853: 1927, 1928 (M), 1929, 1930 (M), 1932 (M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	253	243	480	5,890	2,100	1,240	4,810	1,100	788	400	1,490	297
2	237	201	487	4,300	2,050	1,290	4,100	955	710	476	1,810	277
3	177	191	450	3,960	2,280	1,260	3,780	925	654	486	1,460	261
4	159	227	421	4,390	2,950	1,210	3,410	969	604	439	1,410	251
5	143	476	403	3,720	3,240	1,180	3,210	873	514	372	1,440	267
6	129	553	395	3,320	2,670	1,070	3,030	792	500	365	1,060	1,020
7	124	438	1,220	3,040	2,360	1,040	2,870	1,990	565	462	837	2,090
8	124	264	1,410	2,870	2,150	1,010	2,730	1,930	586	481	723	1,040
9	130	212	1,210	3,010	2,020	963	2,810	1,720	604	514	621	793
10	143	200	1,350	5,560	1,890	1,140	2,950	2,350	716	593	547	839
11	147	217	1,090	18,300	1,510	2,220	2,360	1,620	1,520	1,230	532	695
12	144	266	930	11,300	1,810	5,300	2,180	1,360	2,570	1,050	560	1,100
13	142	347	741	4,710	1,360	17,800	2,070	1,230	2,140	830	706	1,230
14	143	285	601	3,810	1,280	29,700	2,090	1,050	1,920	638	686	917
15	162	298	685	3,400	1,200	19,700	2,110	2,550	2,990	546	466	809
16	634	293	698	3,150	3,260	10,700	1,970	5,240	2,330	459	445	916
17	910	227	593	2,930	4,670	5,010	1,560	4,910	1,380	473	627	1,160
18	815	230	435	2,830	4,020	4,150	1,320	3,720	1,050	372	612	1,370
19	707	439	425	3,240	3,520	4,900	2,010	2,960	1,280	342	582	1,120
20	608	1,650	473	4,400	3,000	4,140	2,600	2,360	1,590	398	919	1,140
21	581	1,990	428	3,400	2,680	3,610	1,720	2,070	949	532	518	841
22	551	1,270	410	2,930	2,460	3,410	1,500	1,300	665	525	616	725
23	505	916	397	2,710	2,530	3,310	1,550	1,010	613	506	616	852
24	417	718	1,520	2,580	2,850	6,290	1,490	972	548	553	457	2,680
25	391	767	6,180	2,620	1,800	6,570	1,530	966	458	576	422	2,430
26	351	683	5,380	2,620	1,530	4,080	1,300	931	466	665	405	2,070
27	256	553	4,200	2,390	1,330	3,580	1,260	889	499	573	394	1,720
28	239	499	6,170	2,280	1,290	3,310	1,130	814	496	477	377	1,410
29	236	441	6,080	2,230	------	10,600	1,160	1,020	440	449	307	1,130
30	286	430	10,500	2,350	------	15,900	1,130	987	421	470	273	904
31	346	------	9,480	2,170	------	7,300	------	813	------	449	276	------
TOTAL	10,190	15,524	65,242	126,410	65,810	182,983	67,740	52,376	30,566	16,701	22,194	32,354
MEAN	329	517	2,105	4,078	2,350	5,903	2,258	1,690	1,019	539	716	1,078
MAX	910	1,990	10,500	18,300	4,670	29,700	4,810	5,240	2,990	1,230	1,810	2,680
MIN	124	191	395	2,170	1,200	963	1,130	792	421	342	273	251
CFSM	.49	.78	3.16	6.11	3.52	8.85	3.39	2.53	1.53	.81	1.07	1.62
IN.	.57	.87	3.64	7.05	3.67	10.21	3.78	2.92	1.70	.93	1.24	1.80

CAL YR 1974 TOTAL 646,038 MEAN 1,770 MAX 15,800 MIN 124 CFSM 2.65 IN 36.03
WTR YR 1975 TOTAL 688,090 MEAN 1,885 MAX 29,700 MIN 124 CFSM 2.83 IN 38.38

PEAK DISCHARGE (BASE, 7,500 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
12-30	1145	15.69	10,800	3-14	0900	20.62	31,200
1-11	1530	18.35	20,300	3-30	0400	18.07	19,000

Reservoirs in Tennessee River basin

03574000 GUNTERSVILLE LAKE.--Lat 34°25'17", long 86°23'34", sec.14, T.7 S., R.2 E., Marshall County, in powerhouse at Guntersville Dam on Tennessee River, 11 mi (17.7 km) northwest of Guntersville, Ala., and at 349.0 mi (561.5 km). Drainage area, 24,450 mi^2 (63,330 km^2), approximately. Period of record, October 1938 to current year. Water-stage recorder. Datum of gage is at mean sea level. Maximum midnight contents during year, 613,000 ft^3/s-day (1,500 hm^3) Mar. 14; maximum elevation, 595.13 ft (181.396 m) May 27; minimum midnight contents, 419,000 ft^3/s-day (1,025 hm^3) Nov. 2, minimum elevation 591.95 ft (180.426 m) Oct. 5. Extremes for period of record: Maximum elevation 596.29 ft (181.749 m) Mar. 2, 1944; minimum (after start of operation plan in April 1940, 590.65 ft (180.030 m) Nov. 12, 1968. Contents based on backwater profile.

Reservoir is formed by concrete dam with riprapped earth embankments. Spillway equipped with eighteen 2-section lift gates 40.44 ft (12.32 m) high by 50 ft (15.24 m) wide. Dam completed and storage began Jan. 16, 1939; water in reservoir first reached minimum navigation pool elevation Jan. 27, 1939. Total level pool capacity at elevation 595.44 ft (181.490 m) (top of gates) is 530,400 ft^3/s-day (1,298 hm^3), of which 86,900 ft^3/s-day (212.6 hm^3) is controlled flood storage above elevation 593.00 ft (180.746 m) (minimum navigation pool). Reservoir is used for navigation, flood control, and power. Records furnished by Tennessee Valley Authority.

03586000 WHEELER LAKE.--Lat 34°47'52", long 87°22'51", SW 1/4 sec.9, T.3 S., R.8 W., Lawrence County, at Wheeler Dam on Tennessee River, 0.8 mi (1.29 km) upstream from Big Nance Creek, 30.1 mi (48.4 km) downstream from Decatur, Ala., 74.1 (119.2 km) downstream from Guntersville Dam, and at 274.9 mi (442.3 km). Drainage area, 29,590 mi^2 (76,640 km^2), approximately. Period of record, September 1936 to current year. Water-stage recorder. Datum of gage is at mean sea level. Maximum midnight contents during year 670,000 ft^3/s-day (1,639 hm^3) Mar. 15; maximum elevation 556.32 ft (169.566 m) June 17; minimum midnight contents 383,000 ft^3/s-day (937 hm^3) Dec. 22; minimum elevation 550.02 ft (167.646 m) Mar. 6. Extremes for period of record: Maximum elevation 557.32 ft (169.871 m) Mar. 1, 1944; minimum (after start of operation plan in August 1937) 548.43 ft (167.162 m) Dec. 9, 1962. Contents based on backwater profile.

Reservoir is formed by concrete dam with 60 taintor gates 15 ft (4.57 m) high by 40 ft (12.2 m) wide and 2 trashway gates 6 ft (1.82 m) high by 37.5 ft (11.4 m) wide. Storage began Oct. 3, 1936; water in reservoir first reached minimum pool elevation Dec. 10, 1936. Total level pool capacity at elevation 556.28 ft (169.554 m) (top of gates) is 540.000 ft^3/s-day (1,321 hm^3) of which 177,000 ft^3/s-day (433 hm^3) is controlled flood storage above elevation 550.00 ft (167.640 m) (ordinary minimum pool). Reservoir is used for navigation, flood control, and power. Records furnished by Tennessee Valley Authority.

03589000 WILSON LAKE.--Lat 34°47'46", long 87°37'27", in SE 1/4 sec.18, T.3 S., R.10 W., Colbert County, at cooling-water intake at Wilson Dam on Tennessee River, 2.9 mi (4.7 km) southeast of Florence, Ala., 4.1 mi (6.6 km) upstream from Cypress Creek, 15.5 mi (24.9 km) downstream from Wheeler Dam, and at 259.4 mi (417.4 km). Drainage area, 30,750 mi^2 (79,642 km^2) approximately. Period of record, April 1924 to current year. Prior to August 1926 month-end contents only, published in WSP 1306. Water-stage recorder. Datum of gage is at mean sea level. Maximum contents during year, 321,700 ft^3/s-day (787 hm^3) Dec. 11, elevation, 507.75 ft (154.762 m) Dec. 11; minimum 296,800 ft^3/s-day (726 hm^3) Dec. 29, elevation 504.61 ft (153.805 m) Dec. 29. Extremes for period of record: Maximum contents, 329,800 ft^3/s-day (807 hm^3), Apr. 29, 1963; maximum elevation, 508.35 ft (154.945 m) Feb. 11, 1948; minimum contents, 233,200 ft^3/s-day (571 hm^3) Apr. 6, 1927, elevation, 501.30 ft (152.796 m).

Reservoir is formed by concrete gravity dam with fixed ogee crest. Spillway equipped with 58 Stoney gates 20.54 ft (6.26 m) 18.77 ft (5.72 m) prior to June 1941 high by 38 ft (11.6 m) wide. Storage began Apr. 14, 1924. Revised capacity table used after Dec. 31, 1970. Total capacity at elevation 507.88 ft (154.802 m) (top of gates) is 323,200 ft^3/s-day (791 hm^3) of which 29,800 ft^3/s-day (72.9 hm^3) is controlled flood storage above elevation 504.50 ft (153.772 m) (minimum pool). Reservoir is used for navigation, flood control, and power. Records furnished by Tennessee Valley Authority.

Month-end elevation and contents, water year October 1974 to September 1975

Date	Elevation (feet)≠	Contents (cfs-days)	Change in contents (cfs-days)	Elevation (feet)≠	Contents (cfs-days)	Change in contents (cfs-days)	Elevation (feet)≠	Contents (cfs-days)	Change in contents (cfs-days)
	Guntersville Lake≠			Wheeler Lake≠			Wilson Lake		
Sept. 30	592.30	428,000	-	553.11	438,000	-	507.08	316,600	-
Oct. 31	592.20	422,000	- 6,000	552.00	412,000	- 26,000	507.14	316,800	+ 200
Nov. 30	593.23	457,000	+ 35,000	550.75	386,000	- 26,000	507.02	315,800	- 1,000
Dec. 31	594.40	517,000	+ 60,000	553.39	478,000	+ 92,000	506.19	309,200	- 6,600
Calendar year 1974			+ 1,000			- 56,000			- 400
Jan. 31	592.96	472,200	- 44,800	550.54	413,400	- 64,600	505.76	305,800	- 3,400
Feb. 28	593.47	480,500	+ 8,300	550.51	401,700	- 11,700	505.63	304,800	- 1,000
Mar. 31	595.05	609,500	+ 129,000	555.54	614,400	+ 212,700	506.85	314,500	+ 9,700
Apr. 30	594.76	509,500	- 100,000	555.54	516,000	- 98,400	506.77	313,800	- 700
May 31	594.53	501,000	- 8,500	555.20	503,100	- 12,900	507.20	317,300	+ 3,500
June 30	594.55	503,600	+ 2,600	555.18	508,000	+ 4,900	507.20	317,300	0
July 31	593.41	464,000	- 39,600	555.47	517,000	+ 9,000	506.15	308,900	- 8,400
Aug. 31	594.00	478,000	+ 14,000	553.48	447,000	- 70,000	507.11	316,600	+ 7,700
Sept. 30	592.47	430,000	- 48,000	552.96	434,000	- 13,000	507.40	318,900	+ 2,300
Water year 1974-75	-	-	+ 2,000	-	-	- 4,000	-	-	+ 2,300

≠ Elevation at 2400.
≠ Contents based on backwater profile.

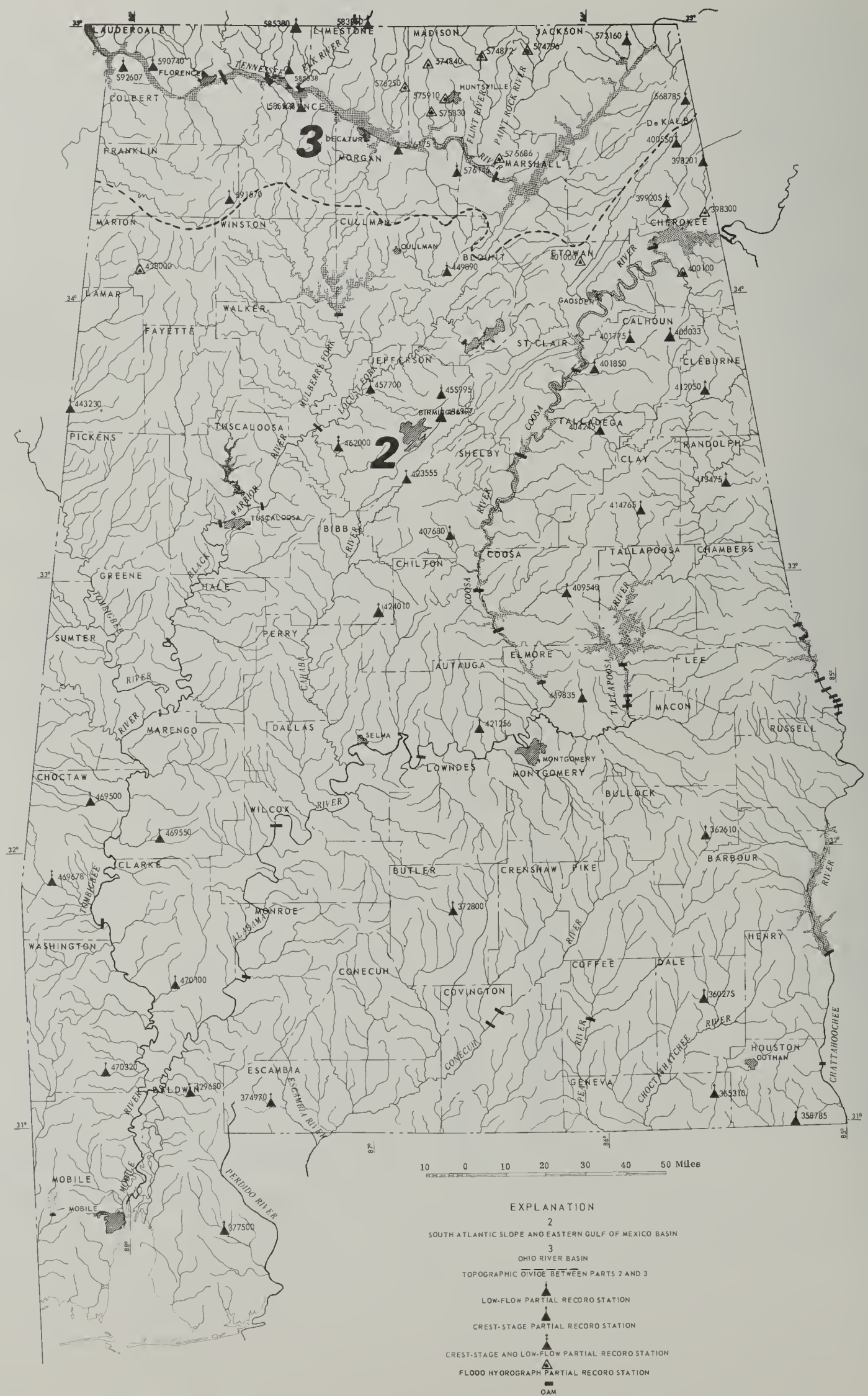

Figure 7.--Map of Alabama showing location of low-flow partial-record stations.

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in time of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at partial-record stations are presented in four groups. The first is a table of discharge measurements at low-flow partial-record stations. The second is gage heights and discharge at selected times at flood hydrograph stations for major peaks. The third is a table of annual maximum stage and discharge at crest-stage stations. The fourth is a table of discharge measurements for both low and high flow at miscellaneous sites.

Low-flow partial-record stations

Measurements of streamflow in the area covered by this report made at low-flow partial-record stations are given in the following table. Most of these measurements were made during periods of base flow when streamflow is primarily from ground-water storage. These measurements, when correlated with the simultaneous discharge of a nearby stream where continuous records are available, will give a picture of the low-flow potentiality of a stream. The column headed "Period of record" shows the water years in which measurements were made at the same, or practically the same, site.

Discharge measurements made at low-flow partial-record stations during water year 1975

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
		Mobile River basin				
02398201	Berry Spring near Jamestown, Ala.	Lat 34°25'37", long 85°30'27", in SW 1/4 sec.17, T.7 S., R.11 E., Cherokee County, 4 miles (6 km) northeast of Jamestown.	-	1968-71, 1973-75	4-01-75	9.67
02399205	Congo Spring near Blanche, Ala.	Lat 34°17'44", long 85°39'52", in SW 1/4 sec. 35, T.8 S., R.9 E., Cherokee County, 6 miles (9 km) southwest of Blanche.	-	1968-71, 1973-75	4-01-75	4.36
02400550	Allen Spring near Valley Head, Ala.	Lat 34°31'00", long 85°39'23", in NE 1/4 sec. 14, T.6 S., R.9 E., DeKalb County at county road, 4 miles (6 km) southwest of Valley Head.	-	1968-71, 1973-75	4-01-75	10.1
02401775	Seven Springs Creek near Angel, Ala.	Lat 33°51'08", long 85°51'44", in SW 1/4 sec. 36, T.13 S., R.7 E., Calhoun County, at State Highway 204, 1,000 ft (305 m) upstream from mouth, and 1.8 miles (2.9 km) northwest of Angel.	-	1956-60, 1969-71, 1973-75	4-02-75	6.28
02401850	McCullars Spring near Alexandria, Ala.	Lat 33°59'13", long 85°56'01", in SW 1/4 sec.29, T.14 S., R.7 E., Calhoun County, at culvert on county road crossing, 3 miles (4.8 km) northwest of Alexandria.	-	1958-59, 1969-70, 1973-75	4-02-75	8.51
02449890	Big Spring near Blountsville, Ala.	Lat 34°03'23", long 86°38'54", in NE 1/4 NE 1/4 NW 1/4 sec.28, T.11 S., R.1 W., Blount County, 3.8 miles (6.1 km) southeast of Blountsville.	-	1967-71, 1973-75	4-03-75	8.58
02455983	Penny Spring near Pinson, Ala.	Lat 33°41'56", long 86°40'09", in NW 1/4 SW 1/4 sec.29, T.15 S., R.1 W., Jefferson County, 1 mile (2 km) northeast of Pinson.	-	1968-71, 1973-75	3-31-75	7.82
02456997	Robinwood Spring at Robinwood, Ala.	Lat 33°37'00", long 86°44'14", in SE 1/4 NW 1/4 sec.27, T.16 S., R.2 W., Jefferson County, 0.5 mile (0.8 km) east of Robinwood.	-	1968-71, 1973-75	3-31-75	3.45

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Measurements	
					Date	Discharge (cfs)
		Tennessee River basin				
03568785	Phillips Spring near Hammondville Ala.	Lat 34°37'40", long 85°36'06", in NE 1/4 SE 1/4 sec.5, T.5 S., R.10 E., DeKalb County, 3.3 miles (5.3 km) northeast of Hammondville, and 5 miles (8.0 km) north of Valley Head.	-	1968-71, 1973-75	10-21-74 4-01-75	1.50 3.02
03572160	Brown Spring near Stevenson, Ala.	Lat 34°53'53", long 85°49'02", in NW 1/4 Bengis Reservation, T 2 S., R.8 E., Jackson County, 2.4 miles (3.9 km) northeast of Stevenson.	-	1966, 1968-71, 1973-75	10-24-74	1.94
03574870	Beaverdam Creek near Meridianville, Ala.	Lat 34°50'17", long 86°34'17", in SW 1/4 SW 1/4 NW 1/4 sec.30, T.2 S., R.1 E., Madison County, at bridge on U.S. Highway 231, 0.9 miles (1.4 km) south of Meridianville, and 2.6 miles (4.2 km) upstream from mouth.	41.6 (107.7 km^2)	1953-54, 1957, 1970-73, 1975	11-08-74	4.96
03576145	Hughes Spring near Florette, Ala.	Lat 34°25'01", long 86°35'38", in NW 1/4 sec.24, T.7 S., R.1 W., Morgan County, 4 miles (6.4 km) south of Morgan City and 6.3 miles (10.1 km) east of Florette.	-	1968-69, 1971, 1973-75	10-23-74 4-07-75	.89 23.6
03576175	Cave Spring near Priceville, Ala.	Lat 34°32'46", long 86°51'04", in NE 1/4 SW 1/4 sec. 4, T.6 S., R.3 W., Morgan County, 1,000 ft (305 m) upstream from Wheeler Reservation, 3.4 miles (5.5 km) northeast of Priceville, and 8 miles (12.9 km) southeast of Decatur.	-	1968-71, 1973-75	10-23-74 4-07-75	1.06 16.6
03583250	Blowing Spring near Ardmore, Ala.	Lat 34°59'30", long 86°52'47", in NW 1/4 NE 1/4 sec. 6, T.1 S., R.3 W., Limestone County, at U.S. Highway 31, 1,000 ft (305 m) south of the Alabama-Tennessee State line, and 2 miles (3.2 km) west of Ardmore.	-	1968-71, 1973-75	10-23-74 4-16-75	1.33 2.34
03585528	Wheeler Spring at Wheeler, Ala.	Lat 34°39'09", long 87°15'06", in SE 1/4 sec. 34, T.4 S., R.7 W., Lawrence County, 200 ft (61 m) south of State Highway 20, and at Wheeler.	-	1968-70, 1973-75	10-21-74 4-16-75	.27 8.03
03585638	Blowing Springs near Rogersville, Ala.	Lat 34°51'52", long 87°18'14", in SE 1/4 NE 1/4 sec. 19, T. 2 S., R. 7 W., Lauderdale County, 1,000 ft (305 m) north of county road and 2.7 mi (4.3 km) north of Rogersville.	-	1968-71, 1973, 75	10-21-74 4-16-75	.17 .93
03590740	Rock Spring near Rhodesville, Ala.	Lat 34°51'27", long 87°54'09", in SW 1/4 NW 1/4 NW 1/4 sec.27, T.2 S., R.13 W., Lauderdale County, 2 miles (3.2 km) southwest of Rhodesville.	-	1967-70, 1973-75	10-22-74 4-21-75	3.14 6.07
03592607	Buzzard Roost Spring near Cherokee, Ala.	Lat 34°45'36", long 88°01'26", in sec. 32, T.3 S., R.14 W., Colbert County, at Natchez Trace, 0.2 mile (0.3 km) south of U.S. Highway 72, and 3 miles (4.8 km) west of Cherokee.	-	1968-70, 1973-75	10-22-74 4-21-75	.46 4.73

The data given in the following tables generally comprise a description of the station and a table showing time, gage height, and discharge at selected times for major peaks that occurred during the year.

The description of the station gives the location, drainage area, period of record, type and history of gages, extremes of discharge and general remarks. The explanation of data presented is identical to that for gaging stations.

Flood hydrograph partial-record stations

CHOCTAWHATCHEE RIVER BASIN

02363000 Pea River near Ariton, Ala.

LOCATION.--Lat 31°35'41", long 85°46'59", in SW¼ sec. 7, T. 7 N., R. 23 E., Dale County, on left bank at downstream side of abandoned bridge, and about 20 ft (6 m) upstream from bridge on U.S. Highway 231, 2.2 mi (3.5 km) downstream from Bryors Mill Creek, 2.8 mi (4.5 km) downstream from Atlantic Coast Line Railroad bridge, 3.5 mi (5.6 km) west of Ariton, and at mile 89.6 (144.2 km).

DRAINAGE AREA.--492 mi^2 (1,274 km^2).

PERIOD OF RECORD.--October 1938 to September 1970 (October 1970 to September 1975 flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 246.72 ft (75.200 m) above mean sea level. Prior to Nov. 22, 1938, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--32 years (1938-70), 615 ft^3/s (17.42 m^3/s), 16.98 in/yr (431 mm/yr).

EXTREMES.--Current year: Maximum discharge, 47,600 ft^3/s (1,350 m^3/s) Feb. 18 (gage height, 24.38 ft or 7.431 m).
Period of record: Maximum discharge, 47,600 ft^3/s (1,350 m^3/s) Feb. 18, 1975 (gage height, 24.38 ft or 7.431 m).
1938-70: Minimum discharge, 6.5 ft^3/s (0.18 m^3/s) Sept. 14, 1968 (gage height, 1.60 ft or 0.488 m).
Maximum stage since 1900, about 25 ft (7.6 m), present site and datum, March 1929, from information by local residents (discharge not determined).

REMARKS.--Records good.

REVISIONS.--WSP 1384: Drainage area.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
2-16	1300	4.10	810	4-12	1800	10.61	3,410	4-20	2400	5.39	1,330
2-16	1800	5.52	1,380	4-12	2400	10.35	3,310				
2-16	2400	6.78	1,880					4-21	0100	5.34	1,310
				4-13	0100	10.30	3,290	4-21	2000	4.73	1,060
2-17	1000	7.51	2,170	4-13	1200	9.94	3,150	4-21	2400	4.62	1,020
2-17	1600	8.24	2,470	4-13	1800	9.58	3,000				
2-17	2000	9.67	3,040	4-13	2400	9.13	2,820	8-06	1500	5.95	1,550
2-17	2200	12.13	4,140					8-06	2400	6.15	1,630
2-17	2400	16.39	7,920	4-14	0100	9.06	2,790				
				4-14	0800	8.73	2,660	8-07	0100	6.20	1,650
2-18	0200	18.39	11,600	4-14	1200	8.84	2,700	8-07	0600	6.47	1,760
2-18	0400	20.45	20,800	4-14	1500	9.58	3,000	8-07	1800	6.81	1,890
2-18	0600	22.18	30,300	4-14	1700	10.69	3,450	8-07	2000	7.61	2,210
2-18	0900	23.60	41,400	4-14	2000	11.55	3,840	8-07	2400	8.30	2,490
2-18	1200	24.21	46,300	4-14	2400	12.10	4,120				
2-18	1600	24.38	47,600					8-08	0100	8.53	2,580
2-18	2000	24.10	45,400	4-15	0100	12.25	4,200	8-08	0400	8.80	2,690
2-18	2400	23.60	41,400	4-15	0600	12.89	4,520	8-08	0600	8.72	2,660
				4-15	1200	14.22	5,350	8-08	1400	8.29	2,490
2-19	0400	23.04	36,900	4-15	1800	15.31	6,430	8-08	2000	8.92	2,740
2-19	0900	22.20	30,400	4-15	2400	15.88	7,160	8-08	2400	9.76	3,070
2-19	1600	20.77	22,400								
2-19	2400	19.01	14,100	4-16	0100	15.98	7,310	8-09	0100	9.98	3,160
				4-16	0600	16.33	7,840	8-09	0400	10.61	3,410
2-20	0400	18.22	11,100	4-16	0900	16.50	8,090	8-09	0700	11.08	3,610
2-20	1200	16.63	8,280	4-16	1300	16.60	8,240	8-09	0900	11.29	3,720
2-20	1800	15.23	6,340	4-16	1800	16.51	8,100	8-09	1400	11.45	3,800
2-20	2400	13.87	5,090	4-16	2400	16.27	7,740	8-09	1700	11.36	3,750
								8-09	2000	11.20	3,670
2-21	0100	13.62	4,940	4-17	0100	16.20	7,640	8-09	2400	10.93	3,540
2-21	0300	13.18	4,680	4-17	0600	15.73	6,950				
				4-17	1200	14.88	5,980	8-10	0100	10.83	3,500
4-10	0400	4.49	970	4-17	1800	13.70	4,990	8-10	1200	9.65	3,030
4-10	0500	4.95	1,150	4-17	2400	12.41	4,280	8-10	1800	9.01	2,770
4-10	0600	5.96	1,550					8-10	2400	8.27	2,480
4-10	1200	9.51	2,970	4-18	0100	12.23	4,190				
4-10	2400	11.01	3,580	4-18	0600	11.32	3,730	8-11	0100	8.16	2,430
				4-18	1800	9.34	2,910	8-11	0600	7.60	2,210
4-11	0100	11.01	3,580	4-18	2400	8.54	2,590	8-11	1200	7.02	1,980
4-11	0300	10.99	3,570					8-11	1800	6.58	1,800
4-11	1200	11.32	3,730	4-19	0100	8.42	2,540	8-11	2400	6.17	1,640
4-11	1700	11.49	3,820	4-19	1200	7.39	2,130				
4-11	2400	11.45	3,800	4-19	2400	6.55	1,790	8-12	0100	6.10	1,610
								8-12	1200	5.37	1,320
4-12	0600	11.30	3,720	4-20	0100	6.50	1,770	8-12	1800	5.14	1,230
4-12	1200	10.98	3,560	4-20	1200	5.94	1,550	8-12	2400	4.95	1,150

PEAK DISCHARGE (BASE, 4,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-18	1600	24.38	47,600	4-16	1300	16.60	8,240

Flood hydrograph partial-record stations--Continued

CHOCTAWHATCHEE RIVER BASIN

02363055 Moores Branch near Victoria, Ala.

LOCATION.--Lat 31°27'47", long 85°53'57", in SE¼ sec. 25, T. 6 N., R. 21 E., Coffee County, attached to upstream wingwall of culvert on State Highway 167, 5 mi (8 km) south of Victoria, and 0.8 mi (1.3 km) above mouth.

DRAINAGE AREA.--2.17 mi^2 (5.62 km^2).

PERIOD OF RECORD.--March 1973 to September 1974 continuous gage-height records and flood-hydrograph records for selected floods in files of Geological Survey; October 1974 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Altitude of gage is 234 ft (71 m) above mean sea level, from topographic map.

EXTREMES.--Current year: Maximum discharge, 300 ft^3/s (8.50 m^3/s) Apr. 14 (gage height, 3.19 ft or 0.972 m).
Period of record: Maximum discharge, 510 ft^3/s (14.4 m^3/s) Dec. 31, 1973 (gage height, 4.40 ft or 1.341 m).

REMARKS.--Records good.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
4-09	1800	0.57	6.7	4-11	1300	0.74	15	6-09	2200	1.49	75
4-09	1900	.68	12	4-11	1500	.71	14	6-09	2300	1.07	39
4-09	2100	.70	13	4-11	1800	.68	12	6-09	2400	.91	27
4-09	2200	.78	18	4-11	2400	.66	11				
4-09	2300	.91	27					6-10	0100	.82	20
4-09	2400	1.07	39	4-14	0800	.62	9.0	6-10	0200	.78	18
				4-14	1000	.66	11	6-10	0300	.74	15
4-10	0100	1.66	92	4-14	1100	.74	15	6-10	0400	.72	14
4-10	0200	1.85	112	4-14	1200	.83	21	6-10	0500	.70	13
4-10	0300	1.96	125	4-14	1300	1.12	43	6-10	0600	.68	12
4-10	0400	2.06	137	4-14	1400	2.25	160	6-10	1100	.64	10
4-10	0500	2.25	160	4-14	1500	2.95	262				
4-10	0600	2.59	207	4-14	1515	3.19	300	9-22	2300	.66	11
4-10	0700	2.64	214	4-14	1600	2.84	244	9-22	2400	1.02	35
4-10	0745	2.66	216	4-14	1700	2.15	148				
4-10	0800	2.44	186	4-14	1800	1.70	96	9-23	0100	1.14	44
4-10	0900	1.88	116	4-14	1900	1.39	66	9-23	0200	1.06	38
4-10	1100	1.74	100	4-14	2000	1.19	48	9-23	0300	1.30	58
4-10	1200	1.75	101	4-14	2100	1.07	39	9-23	0400	1.92	120
4-10	1400	1.81	107	4-14	2200	.99	32	9-23	0500	1.88	116
4-10	1500	1.68	94	4-14	2300	.93	28	9-23	0600	1.85	112
4-10	1600	1.49	75	4-14	2400	.90	26	9-23	0700	1.52	78
4-10	1700	1.31	59					9-23	0800	1.20	49
4-10	1800	1.21	50	4-15	0100	.85	22	9-23	0900	1.04	36
4-10	1900	1.13	43	4-15	0500	.78	18	9-23	1000	1.50	76
4-10	2000	1.07	39	4-15	0700	.75	16	9-23	1030	2.51	195
4-10	2100	1.03	35	4-15	0900	.73	15	9-23	1100	2.23	158
4-10	2200	1.00	33	4-15	1200	.71	14	9-23	1200	2.22	156
4-10	2300	.98	32	4-15	1500	.68	12	9-23	1300	2.17	150
4-10	2400	.95	30	4-15	2400	.65	10	9-23	1400	1.86	113
								9-23	1500	1.43	70
4-11	0100	.92	27	6-09	1700	.56	6.2	9-23	1600	1.12	43
4-11	0200	.89	25	6-09	1800	.81	20	9-23	1700	.98	32
4-11	0400	.86	23	6-09	1900	1.97	126	9-23	1800	.90	26
4-11	0600	.83	21	6-09	1945	2.03	134	9-23	1900	.84	22
4-11	0800	.80	19	6-09	2000	2.02	132	9-23	2000	.80	19
4-11	1000	.77	17	6-09	2100	1.95	124	9-23	2400	.70	13

PEAK DISCHARGE (BASE, NOT DETERMINED)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
4-10	0745	2.66	216	6-09	1945	2.03	134
4-14	1515	3.19	300	9-23	1030	2.51	195

MOBILE RIVER BASIN

02398300 Chattooga River above Gaylesville, Ala.

LOCATION.--Lat 34°17'25", long 85°30'33", in NW 1/4 sec.5, T. 9 S., R.11 E., Cherokee County, on left bank 10 ft (3.0 m) upstream from bridge on county road (revised), 600 ft (183 m) downstream from Mills Creek and 3.5 mi (5.6 km) northeast of Gaylesville.

DRAINAGE AREA.--368 mi^2 (953 km^2).

PERIOD OF RECORD.--January 1959 to September 1967. October 1967 to September 1971 (annual maximum only). October 1971 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 562.11 ft (171.331 m) above mean sea level (Alabama Power Company bench mark). December 4, 1958 to July 20, 1959, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--8 years (1960-67), 670 ft^3/s (18.97 m^3/s) 24.72 in/yr (628 mm/yr).

EXTREMES.--Current year: Maximum discharge, 9,100 ft^3/s (258 m^3/s) Sept. 24 (gage height, 18.60 ft or 5.67 m from floodmarks).
Period of record: Maximum discharge, 16,500 ft^3/s (467 m^3/s) Mar. 5, 1966,(gage height, 22.03 ft or 6.715 m).
1959-67: Minimum daily discharge, 115 ft^3/s (3.26 m^3/s) Oct. 25 to Nov. 3, 1961, Sept. 25, 1964.
Flood of Mar. 30, 1951, reached a stage of 23.5 ft (7.16 m) from floodmarks.

REMARKS.--Records good.

REVISIONS.--WSP 1906: Location.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
1-24	1200	6.18	504	3-11	1800	8.39	1,300	3-19	0800	11.25	2,580
1-24	1800	6.19	507	3-11	2200	9.50	1,780	3-19	1600	11.52	2,710
1-24	2400	6.86	718	3-11	2400	9.40	1,740	3-19	2400	11.82	2,860
1-25	0200	8.08	1,170	3-12	0600	8.48	1,330	3-20	0300	11.85	2,880
1-25	0400	10.35	2,170	3-12	1200	8.02	1,140	3-20	0600	11.75	2,820
1-25	0600	13.16	3,600	3-12	1800	7.96	1,120	3-20	1200	11.10	2,510
1-25	1000	16.48	5,740	3-12	2400	8.26	1,240	3-20	1800	10.12	2,060
1-25	1400	17.50	7,110					3-20	2400	9.51	1,790
1-25	1600	17.68	7,390	3-13	0600	8.75	1,450				
1-25	1900	17.71	7,440	3-13	1200	8.92	1,520	3-21	2400	8.48	1,330
1-25	2400	17.80	7,580	3-13	1700	8.88	1,510				
				3-13	1800	9.40	1,740	3-28	2400	7.18	832
1-26	0400	17.71	7,440	3-13	2000	11.95	2,920				
1-26	0600	17.63	7,310	3-13	2400	14.90	4,640	3-29	0600	7.12	811
1-26	1200	17.48	7,080					3-29	1200	7.62	791
1-26	1800	17.36	6,900	3-14	0600	16.60	5,880	3-29	1800	8.84	1,490
1-26	2400	17.13	6,580	3-14	1200	17.20	6,680	3-29	2400	12.09	3,000
				3-14	1800	17.33	6,860				
1-27	0600	16.45	5,710	3-14	2400	17.26	6,760	3-30	0600	14.40	4,340
1-27	1200	14.15	4,190					3-30	1200	15.74	5,170
1-27	1400	12.60	3,280	3-15	0600	17.38	6,930	3-30	1800	16.28	5,550
1-27	1600	11.11	2,510	3-15	1200	17.55	7,180	3-30	2400	16.36	5,620
1-27	1800	10.08	2,050	3-15	1800	17.25	6,750				
1-27	2400	9.09	1,600	3-15	2400	16.12	5,430	3-31	0600	16.42	5,680
								3-31	1200	16.62	5,910
1-28	0600	8.72	1,440	3-16	0400	14.10	4,160	3-31	1430	16.65	5,940
1-28	1200	8.47	1,330	3-16	0800	11.57	2,740	3-31	1800	16.54	5,810
1-28	1800	8.24	1,240	3-16	1200	10.64	2,300	3-31	2400	15.78	5,200
1-28	2400	8.02	1,150	3-16	2400	10.05	2,030				
								4-01	0600	12.92	3,460
1-29	2400	7.52	955	3-17	0600	9.85	1,940	4-01	1200	10.32	2,150
				3-17	1200	9.54	1,800	4-01	2400	9.15	1,630
3-10	2400	6.24	522	3-17	1800	9.22	1,660				
				3-17	2400	8.92	1,520				
3-11	0600	6.28	534								
3-11	1200	6.76	684	3-18	1200	8.62	1,390				
				3-18	2400	10.26	2,130	4-02	2400	8.49	1,340

PEAK DISCHARGE (BASE, 5,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-25	2400	17.80	7,580	3-31	1430	16.65	5,940
3-15	1200	17.55	7,180	9-24	Unknown	18.60	9,100

MOBILE RIVER BASIN

02400100 Terrapin Creek at Ellisville, Ala.

LOCATION.--Lat 39°03'54", long 85°36'51", in SW 1/4 sec.20, T.11 S., R.10 E., Cherokee County, on right bank 40 ft (12 m) downstream from bridge (revised), 0.2 mi (0.3 km) southwest of Ellisville, 17 mi (27.4 km) south southeast of Centre, and at mile 6.7 (10.8 km).

DRAINAGE AREA.--258 mi^2 (668 km^2).

PERIOD OF RECORD.--October 1962 to September 1967. October 1967 to September 1972 (annual maximum only). (October 1972 to current year, flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 539.07 ft (164.309 m) above mean sea level.

AVERAGE DISCHARGE.--5 years, 410 ft^3/s (11.61 m^3/s) 21.58 in/yr (548 mm/yr).

EXTREMES.--Current year: Maximum discharge during year, 11,400 ft^3/s (323 m^3/s) Sept. 24 (gage height, 17.30 ft or 5.273 m).
Period of record: Maximum discharge, 16,700 ft^3/s (473 m^3/s) Mar. 4, 1974 (gage height, 19.07 ft or 5.812 m).
1962-67: Minimum discharge, 80 ft^3/s (2.3 m^3/s) Sept. 11, 29, 1965.

REMARKS.--Records good.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
2-03	1200	6.60	606	3-14	1800	10.74	2,550	8-11	1800	10.83	2,600
2-03	1800	7.81	1,140	3-14	2400	9.97	2,160	8-11	2400	10.12	2,240
2-03	2400	8.80	1,590								
				3-15	0600	9.57	1,960	8-12	0600	9.77	2,060
2-04	0600	10.26	2,310	3-15	1200	9.31	1,840	8-12	1200	9.55	1,960
2-04	1200	10.23	2,300	3-15	1800	9.06	1,710	8-12	1800	9.26	1,810
2-04	1600	11.69	3,020	3-15	2400	8.86	1,620	8-12	2400	8.84	1,610
2-04	1800	12.65	3,580								
2-04	2400	13.98	4,660	3-16	2400	8.34	1,380	8-13	2400	8.05	1,250
2-05	0100	13.99	4,670	3-17	2400	7.62	1,060	9-22	2400	5.64	301
2-05	0400	13.54	4,270								
2-05	0800	12.61	3,560	8-06	2400	6.20	458	9-23	0600	6.54	582
2-05	1200	11.86	3,110					9-23	0900	6.73	661
2-05	1800	11.04	2,700	8-07	2400	5.80	342	9-23	1200	8.08	1,270
								9-23	1400	8.79	1,590
2-06	0600	9.98	2,170	8-08	0600	5.70	316	9-23	1600	12.10	3,240
2-06	1200	9.69	2,020	8-08	1200	5.61	294	9-23	1800	13.42	4,170
2-06	1800	9.44	1,900	8-08	1800	6.00	396	9-23	2000	14.53	5,400
2-06	2400	9.20	1,780	8-08	2000	8.38	1,400	9-23	2200	15.53	7,180
				8-08	2200	9.48	1,920	9-23	2400	16.25	8,670
2-07	2400	8.20	1,320	8-08	2400	8.93	1,650				
								9-24	0200	16.80	9,970
2-08	2400	7.41	964	8-09	1200	7.44	978	9-24	0300	17.07	10,700
				8-09	1800	7.37	946	9-24	0400	17.25	11,200
3-11	2400	6.09	423	8-09	2000	7.48	996	9-24	0500	17.30	11,400
				8-09	2200	7.77	1,130	9-24	0600	17.25	11,200
3-12	0600	6.10	426	8-09	2300	8.38	1,400	9-24	0700	17.04	10,600
3-12	1200	6.21	461	8-09	2400	9.40	1,880	9-24	0900	16.00	8,120
3-12	1800	6.52	574					9-24	1200	13.90	4,590
3-12	2200	7.08	816	8-10	0200	11.86	3,110	9-24	1400	12.94	3,790
3-12	2400	6.95	758	8-10	0400	13.16	3,960	9-24	1600	12.21	3,310
				8-10	0600	13.34	4,100	9-24	1800	11.58	2,970
3-13	0600	6.63	619	8-10	0800	12.92	3,770	9-24	2000	11.10	2,730
3-13	1200	7.80	1,140	8-10	1000	12.23	3,320	9-24	2400	10.51	2,430
3-13	1800	8.37	1,400	8-10	1200	11.84	3,100				
3-13	2000	9.61	1,980	8-10	1300	11.95	3,160	9-25	0600	9.99	2,180
3-13	2200	11.72	3,040	8-10	1400	12.59	3,540	9-25	1200	9.71	2,030
3-13	2400	13.63	4,350	8-10	1600	13.58	4,300	9-25	1800	9.50	1,930
				8-10	1800	14.37	5,160	9-25	2400	9.37	1,860
3-14	0200	14.42	5,230	8-10	2000	15.38	6,900				
3-14	0300	14.59	5,490	8-10	2200	16.19	8,540	9-26	0600	9.21	1,780
3-14	0400	14.69	5,660	8-10	2300	16.48	9,180	9-26	1200	9.05	1,700
3-14	0500	14.72	5,720	8-10	2400	16.61	9,500	9-26	1800	8.90	1,640
3-14	0600	14.66	5,610					9-26	2400	8.82	1,600
3-14	0700	14.47	5,300	8-11	0100	16.62	9,520				
3-14	0900	13.78	4,480	8-11	0200	16.49	9,200	9-27	2400	8.05	1,250
3-14	1000	13.35	4,110	8-11	0400	15.74	7,600				
3-14	1200	12.58	3,540	8-11	0600	14.64	5,580	9-28	2400	7.32	924
3-14	1400	11.74	3,050	8-11	0800	13.65	4,360				
				8-11	1200	12.19	3,290				

PEAK DISCHARGE (BASE, 4,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-05	0100	13.99	4,670	8-11	0100	16.62	9,520
3-14	0500	14.72	5,720	9-24	0500	17.30	11,400

MOBILE RIVER BASIN

02401000 Big Wills Creek near Crudup, Ala.

LOCATION.--Lat 34°05'53", long 86°02'17", in SE 1/4 sec.6, T.11 S., R.6 E., Etowah County, near right bank on upstream side of bridge on county road, 1 mi (1.6 km) upstream from Fisher Creek, 2 mi (3.2 km) west of Crudup, and at mile 25.0 (40.2 km).

DRAINAGE AREA.--185 mi^2 (479 km^2).

PERIOD OF RECORD.--October 1943 to September 1970. (October 1970 to current year, flood hydrograph only).

GAGE.--Water-stage recorder. Altitude of gage is 570 ft (174 m) (by barometer). Prior to July 10, 1957, nonrecording gage at site 100 ft (30 m) downstream at same datum.

AVERAGE DISCHARGE.--27 years (1943-70), 304 ft^3/s (8.609 m^3/s) 22.32 in/yr (567 mm/yr).

EXTREMES.--Current year: Maximum discharge, 4,490 ft^3/s (127 m^3/s) Mar. 15 (gage height, 10.62 ft or 3.237 m).

Period of record: Maximum discharge, 14,800 ft^3/s (419 m^3/s) Mar. 29, 1951, gage height, (gage height, 14.5 ft or 4.42 m from floodmarks).

1943-70: Minimum observed, 21 ft^3/s (0.59 m^3/s) Sept. 22, 1955, Dec. 5, 1956 (gage height, 1.26 ft or 0.384 m).

Flood of 1884 reached a stage of 16.3 ft (4.97 m) from information by local residents.

REMARKS.--Records good.

REVISIONS.--WSP 1384: Drainage area.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
12-29	0600	3.67	385	03-12	1200	5.77	1,070	03-28	0400	4.19	529
12-29	1200	4.66	673	03-12	1900	6.64	1,420	03-28	2400	4.06	491
12-29	1800	5.33	899	03-12	2000	6.62	1,410				
12-29	2400	5.70	1,040	03-12	2400	6.20	1,240				
								03-29	1000	4.11	505
								03-29	1500	4.63	664
12-30	0600	6.02	1,170	03-13	0600	5.55	981	03-29	1700	4.67	676
12-30	1200	6.39	1,320	03-13	1400	5.76	1,060	03-29	1900	5.94	1,140
12-30	1800	6.75	1,460	03-13	1700	6.14	1,220	03-29	2400	6.87	1,520
12-30	2400	6.81	1,490	03-13	2300	7.59	1,840				
				03-13	2400	7.74	1,900				
								03-30	1400	8.85	2,510
12-31	0600	7.11	1,620					03-30	2400	9.58	3,180
12-31	1200	7.89	1,970	03-14	0900	8.42	2,230				
12-31	1400	8.09	2,060	03-14	1300	9.50	3,100				
12-31	1600	8.19	2,120	03-14	2000	10.51	4,320	03-31	0200	9.59	3,190
12-31	1700	8.22	2,130	03-14	2400	10.61	4,480	03-31	1600	8.81	2,480
12-31	1800	8.23	2,140					03-31	2400	7.79	1,930
12-31	1900	8.20	2,120								
12-31	2000	8.17	2,100	03-15	0100	10.62	4,490				
12-31	2400	7.83	1,940	03-15	1200	10.23	3,920	04-01	0100	7.60	1,840
				03-15	2400	8.58	2,320	04-01	1200	6.36	1,300
								04-01	2400	5.69	1,040
01-01	0600	6.97	1,550	03-16	0100	8.39	2,220				
01-01	1200	6.10	1,200	03-16	0800	7.35	1,730	04-02	0100	5.63	1,010
01-01	1800	5.44	939	03-16	2000	6.65	1,420	04-02	2200	5.04	798
01-01	2400	4.96	770	03-16	2400	6.61	1,410	04-02	2400	5.01	787
03-11	0200	3.28	296	03-17	0100	6.57	1,390	04-03	0200	4.99	781
03-11	2100	3.49	342	03-17	2400	5.81	1,080	04-03	2300	4.83	728
03-11	2400	3.77	410					04-03	2400	4.84	731
03-12	0600	5.10	818								
03-12	1000	5.52	970	03-18	1500	5.71	1,040	04-04	0200	4.86	737
03-12	1100	1.00	0	03-18	2400	6.14	1,220	04-04	2400	4.38	586

PEAK DISCHARGE (BASE, 3,600 CFS)

DATE	TIME	G.HT.	DISCHARGE
3-15	0100	10.62	4,490

MOBILE RIVER BASIN

02404400 Choccolocco Creek at Jackson Shoals, near Lincoln, Ala.

LOCATION.--Lat 33°32'54", long 86°05'49", in SE¼ sec. 15, T. 17 S., R. 5 E., Talladega County, on left bank at foot of Jackson Shoals, 50 ft (15 m) upstream from Alabama Power Company Jackson Shoals transformer station, 900 ft (274 m) upstream from highway bridge, 1.8 mi (2.9 km) downstream from Eastaboga Creek, and 4.5 mi (7.2 km) southeast of Lincoln.

DRAINAGE AREA.--484 mi^2 (1,254 km^2).

PERIOD OF RECORD.--October 1960 to September 1967, October 1967 to September 1970 (annual maximum only), October 1970 to September 1974 continuous gage-height record in files of Geological Survey, October 1974 to current year (flood hydrograph only).

AVERAGE DISCHARGE.--7 years, 807 ft^3/s (22.85 m^3/s), 22.64 in/yr (575 mm/yr).

EXTREMES.--Current year: Maximum discharge, 9,950 ft^3/s (282 m^3/s) July 7 (gage height, 28.11 ft or 8.568 m).
Period of record: Maximum discharge, 36,900 ft^3/s (1,040 m^3/s) Apr. 30, 1963 (gage height, 39.98 ft or 12.186 m).
Flood of March 1951 reached a stage of 42.4 ft (12.9 m) from floodmarks.

REMARKS.--Records fair.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
2-03	0500	20.20	1,400	2-09	2400	20.82	1,830	7-09	1700	21.76	2,580
2-03	1200	21.21	2,130					7-09	2000	21.39	2,270
2-03	1600	22.00	2,780	2-10	0600	20.71	1,750	7-09	2400	21.25	2,160
2-03	2000	22.84	3,530	2-10	1200	20.62	1,680				
2-03	2400	23.48	4,150	2-10	2400	20.50	1,600	7-10	0200	21.06	2,010
								7-10	0600	20.80	1,810
2-04	0400	24.20	4,930	2-11	0600	20.42	1,540	7-10	1100	20.56	1,640
2-04	0800	24.58	5,360	2-11	1200	20.38	1,520	7-10	1700	20.31	1,470
2-04	1200	24.70	5,500	2-11	2400	20.30	1,460	7-10	2000	20.21	1,400
2-04	1600	25.18	6,080								
2-04	2000	25.31	6,230	7-07	0500	20.15	1,360	9-23	1300	19.96	1,240
2-04	2400	26.19	7,350	7-07	0600	21.63	2,460	9-23	1400	20.24	1,420
				7-07	0800	24.09	4,800	9-23	1600	21.47	2,340
2-05	0300	26.40	7,620	7-07	1000	26.39	7,610	9-23	1800	23.17	3,840
2-05	0800	26.11	7,240	7-07	1100	27.00	8,400	9-23	2000	24.77	5,580
2-05	1200	25.98	7,070	7-07	1200	27.36	8,900	9-23	2100	25.28	6,200
2-05	1600	25.80	6,840	7-07	1300	27.57	9,200	9-23	2200	25.64	6,630
2-05	2000	25.58	6,560	7-07	1400	27.78	9,490	9-23	2300	25.82	6,870
2-05	2400	25.30	6,220	7-07	1500	27.90	9,660	9-23	2400	25.97	7,060
				7-07	1600	28.03	9,840				
2-06	0800	24.88	5,720	7-07	1700	28.11	9,950	9-24	0200	25.90	6,970
2-06	1200	24.72	5,520	7-07	1800	27.93	9,700	9-24	0300	25.61	6,590
2-06	1600	24.48	5,240	7-07	1900	27.67	9,340	9-24	0400	25.42	6,360
2-06	2000	24.18	4,910	7-07	2000	27.28	8,790	9-24	0500	25.05	5,920
2-06	2400	23.82	4,510	7-07	2200	26.15	7,300	9-24	0600	24.56	5,330
				7-07	2400	25.20	6,100	9-24	0800	23.78	4,470
2-07	0400	23.52	4,190					9-24	1200	23.18	3,850
2-07	0800	23.20	3,870	7-08	0100	24.82	5,640	9-24	2400	22.62	3,330
2-07	1200	22.93	3,610	7-08	0300	24.28	5,020				
2-07	1600	22.70	3,400	7-08	0600	23.58	4,250	9-25	0400	22.50	3,220
2-07	2000	22.48	3,200	7-08	0900	23.03	3,700	9-24	0600	22.43	3,160
2-07	2400	22.28	3,020	7-08	1200	22.73	3,430	9-25	2400	22.42	3,150
				7-08	1500	22.60	3,310				
2-08	0400	22.10	2,860	7-08	2000	22.40	3,130	9-26	0600	22.31	3,050
2-08	0900	21.91	2,700	7-08	2400	22.35	3,080	9-26	1200	21.97	2,750
2-08	1800	21.62	2,460					9-26	1800	21.57	2,420
2-08	2400	21.48	2,340	7-09	0100	22.38	3,110	9-26	2400	21.05	2,000
				7-09	0400	22.40	3,130				
2-09	0600	21.30	2,200	7-09	0800	22.35	3,080	9-27	0600	20.79	1,810
2-09	1200	21.18	2,100	7-09	1200	22.21	2,960	9-27	1200	20.46	1,570
2-09	1800	21.02	1,980	7-09	1400	22.00	2,780	9-27	2300	20.24	1,420

PEAK DISCHARGE (BASE, 5,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-05	0300	26.40	7,620	9-23	2400	25.97	7,060
7-07	1700	28.11	9,950				

MOBILE RIVER BASIN

02412320 Elder Creek near Dempsy, Ala.

LOCATION.--Lat 33°27'48", long 85°46'33", in NE¼ sec. 14, T. 18 S., R. 8 E., Clay County, on upstream side of pipe culvert on State Highway 49, 1.2 mi (1.9 km) north of Dempsy, and 10 mi (16.1 km) north of Lineville, and about 5 mi (about 8 km) above mouth.

DRAINAGE AREA.--1.79 mi^2 (4.64 km^2).

PERIOD OF RECORD.--October 1973 to September 1974, continuous gage-height record and flood hydrograph records for selected floods in files of Geological Survey; October 1974 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Altitude of gage is 950 ft (290 m) from topographic map.

EXTREMES.--Current year: Maximum discharge, 762 ft^3/s (21.58 m^3/s) July 7 (gage height, 8.71 ft or 2.655 m).
Period of record: Maximum discharge, 762 ft^3/s (21.58 m^3/s) July 7, 1975 (gage height, 8.71 ft or 2.655 m).

REMARKS.--Records fair.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
6-12	0630	1.59	13	7-08	0415	7.26	574	7-25	1500	2.12	37
6-12	0645	1.70	17	7-08	0430	6.81	515	7-25	1600	2.02	31
6-12	0700	2.04	32	7-08	0445	6.60	488	7-25	1700	1.94	27
6-12	0715	2.78	82	7-08	0500	6.24	441	7-25	1900	1.84	23
6-12	0800	4.12	197	7-08	0515	5.74	376	7-25	2100	1.78	20
6-12	0815	4.28	213	7-08	0530	5.25	315	7-25	2400	1.76	19
6-12	0830	4.14	199	7-08	0545	4.83	268				
6-12	0900	3.43	134	7-08	0600	4.49	234	7-26	0300	1.70	17
6-12	0915	3.10	108	7-08	0615	4.21	206	7-26	0800	1.66	15
6-12	0930	2.91	93	7-08	0630	3.97	182	7-26	1200	1.54	11
6-12	0945	2.77	82	7-08	0645	3.75	162				
6-12	1015	2.60	69	7-08	0700	3.58	147	9-23	0445	1.70	17
6-12	1100	2.42	56	7-08	0730	3.34	127	9-23	0500	1.72	18
6-12	1130	2.35	52	7-08	0800	3.18	114	9-23	0615	1.82	22
6-12	1245	2.36	52	7-08	0830	3.01	101	9-23	0630	1.88	24
6-12	1345	2.21	43	7-08	0900	2.86	89	9-23	0645	2.00	30
6-12	1615	2.01	31	7-08	0930	2.79	83	9-23	0700	2.16	40
6-12	1845	1.89	25	7-08	1000	2.75	80	9-23	0715	2.20	42
6-12	2200	1.79	21	7-08	1100	2.61	77	9-23	0730	2.12	37
6-12	2400	1.75	19	7-08	1500	2.39	54	9-23	0800	2.00	30
				7-08	1800	2.15	39	9-23	0830	1.90	25
6-13	0015	1.75	19	7-08	2200	1.90	25	9-23	1000	1.84	23
6-13	0500	1.66	15	7-08	2400	1.85	23	9-23	1130	1.92	26
								9-23	1145	2.04	32
7-07	1800	1.50	10	7-09	0100	1.82	22	9-23	1200	2.40	55
7-07	1830	2.12	37	7-09	0600	1.73	18	9-23	1215	2.74	79
7-07	1845	2.55	66	7-09	1300	1.60	13	9-23	1230	3.08	106
7-07	1900	2.54	65					9-23	1245	3.56	145
7-07	1930	2.78	82	7-25	0615	1.59	12	9-23	1300	3.84	171
7-07	1945	3.03	102	7-25	0630	1.88	24	9-23	1315	4.28	213
7-07	2000	3.13	110	7-25	0645	2.37	53	9-23	1330	4.80	265
7-07	2015	2.88	90	7-25	0700	3.06	105	9-23	1345	4.98	283
7-07	2030	2.58	68	7-25	0715	3.25	120	9-23	1400	4.60	245
7-07	2045	2.40	55	7-25	0730	2.92	94	9-23	1415	3.94	180
7-07	2100	2.30	48	7-25	0745	2.58	68	9-23	1430	3.32	126
7-07	2115	2.21	43	7-25	0800	2.44	58	9-23	1445	3.02	102
7-07	2130	2.16	40	7-25	0815	2.36	52	9-23	1500	2.84	87
7-07	2145	2.09	35	7-25	0830	2.28	47	9-23	1515	2.72	78
7-07	2200	2.04	32	7-25	0845	2.24	44	9-23	1530	2.62	70
7-07	2300	1.89	25	7-25	0900	2.20	42	9-23	1545	2.54	65
7-07	2400	1.83	22	7-25	0930	2.12	37	9-23	1600	2.46	59
				7-25	1000	2.06	34	9-23	1630	2.36	52
7-08	0100	1.88	24	7-25	1030	2.02	31	9-23	1700	2.30	48
7-08	0200	1.95	28	7-25	1100	1.98	29	9-23	1730	2.22	43
7-08	0215	2.31	49	7-25	1200	1.90	25	9-23	1800	2.14	38
7-08	0230	2.84	87	7-25	1230	1.88	24	9-23	1900	2.04	32
7-08	0245	3.71	159	7-25	1300	1.84	23	9-23	2100	1.92	26
7-08	0300	4.45	230	7-25	1330	1.92	26	9-23	2400	1.82	22
7-08	0315	5.57	354	7-25	1345	2.24	44				
7-08	0330	7.95	664	7-25	1400	2.42	56	9-24	0200	1.76	19
7-08	0345	8.71	762	7-25	1415	2.36	52	9-24	0600	1.68	16
7-08	0400	8.17	692	7-25	1430	2.24	44	9-24	1200	1.60	13

PEAK DISCHARGE (BASE, NOT DETERMINED)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
6-12	0815	4.28	213	7-25	0715	3.25	120
7-07	0345	8.71	762	9-23	1345	4.98	283

MOBILE RIVER BASIN

02419975 Three Mile Branch at Biltmore Avenue at Montgomery, Ala.

LOCATION.--Lat 32°23'35", long 86°15'25", on line between secs. 3 and 4, T. 16 N., R. 18 E., Montgomery County, at bridge on Biltmore Avenue at Montgomery.

DRAINAGE AREA.--7.30 mi^2 (18.91 km^2).

PERIOD OF RECORD.--October 1974 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Altitude of gage is 197 ft (60.0 m) from topographic map.

EXTREMES.--Maximum discharge during period, 2,010 ft^3/s (56.9 m^3/s) Mar. 13 (gage height, 6.46 ft or 1.969 m).

REMARKS.--Records fair.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
2-16	0330	1.14	11	2-16	2330	4.76	1,100	3-13	2215	3.08	437
2-16	0345	1.20	16	2-16	2400	4.90	1,160	3-13	2230	2.85	353
2-16	0400	1.22	18					3-13	2245	2.66	292
2-16	0415	1.23	19	2-17	0015	4.89	1,160	3-13	2315	2.40	218
2-16	0445	1.21	17	2-17	0030	5.13	1,270	3-13	2330	2.28	188
2-16	0515	1.23	19	2-17	0045	5.14	1,270	3-13	2400	2.12	151
2-16	0530	1.39	34	2-17	0145	4.46	985				
2-16	0545	1.50	46	2-17	0245	3.47	592	3-14	0015	2.03	131
2-16	0600	1.90	106	2-17	0315	3.08	437	3-14	0030	1.94	114
2-16	0615	2.62	280	2-17	0345	2.78	330	3-14	0115	1.72	75
2-16	0630	3.32	532	2-17	0415	2.54	257	3-14	0145	1.61	59
2-16	0645	3.66	667	2-17	0430	2.51	248	3-14	0215	1.52	48
2-16	0700	3.50	604	2-17	0445	2.54	257	3-14	0315	1.40	35
2-16	0730	2.97	395	2-17	0515	2.49	242	3-14	0345	1.36	31
2-16	0745	2.81	339	2-17	0600	2.22	174	3-14	0400	1.33	28
2-16	0800	2.73	314	2-17	0615	2.18	164	3-14	0415	1.32	27
2-16	0815	2.79	333	2-17	0630	2.25	181	3-14	0430	1.29	24
2-16	0900	3.17	473	2-17	0700	2.50	245	3-14	0500	1.27	22
2-16	0930	3.29	520	2-17	0715	2.44	229	3-14	0515	1.25	21
2-16	0945	3.22	492	2-17	0745	2.20	169	3-14	0545	1.23	19
2-16	1030	2.75	320	2-17	0800	2.12	151	3-14	0600	1.21	17
2-16	1045	2.61	277	2-17	0845	2.01	127	3-14	0815	1.12	9.5
2-16	1130	2.34	203	2-17	0930	1.85	97				
2-16	1230	2.04	133	2-17	1030	1.70	72	8-04	1700	.63	0
2-16	1345	1.74	78	2-17	1115	1.60	58	8-04	1715	2.83	346
2-16	1415	1.63	62	2-17	1215	1.50	46	8-04	1730	5.42	1,410
2-16	1515	1.48	44	2-17	1300	1.44	39	8-04	1745	6.09	1,780
2-16	1600	1.40	35	2-17	1430	1.34	29	8-04	1800	5.54	1,470
2-16	1630	1.36	31	2-17	1515	1.30	25	8-04	1815	4.66	1,060
2-16	1645	1.37	32	2-17	1745	1.20	16	8-04	1830	3.92	771
2-16	1715	1.42	37	2-17	1800	1.20	16	8-04	1845	3.49	600
2-16	1730	1.42	37	2-17	1845	1.17	14	8-04	1900	3.18	477
2-16	1800	1.47	43	2-17	1900	1.17	14	8-04	1915	2.94	384
2-16	1815	1.47	43	2-17	1930	1.15	12	8-04	1930	2.74	317
2-16	1900	1.53	50	2-17	2015	1.13	10	8-04	2000	2.42	223
2-16	1915	1.65	65					8-04	2030	2.17	162
2-16	1945	2.07	140	3-13	1830	.71	0	8-04	2100	1.97	119
2-16	2015	2.20	169	3-13	1845	1.28	23	8-04	2130	1.81	90
2-16	2030	2.25	181	3-13	1900	2.88	363	8-04	2200	1.66	66
2-16	2100	2.24	179	3-13	1915	4.33	934	8-04	2230	1.52	48
2-16	2115	2.28	188	3-13	1930	5.47	1,440	8-04	2300	1.41	36
2-16	2130	2.40	218	3-13	1945	5.67	1,540	8-04	2345	1.32	27
2-16	2145	2.71	307	3-13	2000	6.24	1,870	8-04	2400	1.30	25
2-16	2215	3.61	647	3-13	2015	6.46	2,010				
2-16	2230	4.34	938	3-13	2030	6.06	1,770	8-05	0030	1.27	24
2-16	2245	5.30	1,350	3-13	2100	4.79	1,120	8-05	0100	1.22	18
2-16	2300	5.55	1,480	3-13	2115	4.23	894	8-05	0200	1.16	13
2-16	2315	5.10	1,250	3-13	2145	3.58	636	8-05	0300	1.12	10

PEAK DISCHARGE (BASE, NOT DETERMINED)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-08	0230	5.23	1,320	4-02	2230	5.82	1,620
1-10	1745	5.05	1,220	8-04	1745	6.09	1,780
2-16	2300	5.55	1,480	9-23	1200	5.20	1,300
3-13	2015	6.46	2,010				

Flood hydrograph partial-record stations--Continued

MOBILE RIVER BASIN

02420987 Hannon Slough at Bear School at Montgomery, Ala.

LOCATION.--Lat 32°20'11", long 86°16'10", in SW¼ sec. 28, T. 16 N., R. 18 E., Montgomery County, at foot bridge for school crossing 800 ft (243 m) downstream from McGehee Road in Montgomery.

DRAINAGE AREA.--1.35 mi^2 (3.50 km^2).

PERIOD OF RECORD.--October 1974 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Altitude of gage is 212 ft (65 m) above mean sea level, from topographic map.

EXTREMES.--Maximum discharge during period, 1,510 ft^3/s (42.8 m^3/s) Aug. 4 (gage height, 9.46 ft or 2.883 m).

REMARKS.--Records fair.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
3-13	1830	1.89	0.4	4-02	1230	2.08	4.0	7-25	2130	6.73	546
3-13	1845	4.40	149	4-02	1245	2.06	3.5	7-25	2145	6.18	436
3-13	1900	6.62	524	4-02	1415	2.02	2.5	7-25	2200	5.76	352
3-13	1915	6.51	502	4-02	1445	2.04	3.0	7-25	2215	5.40	286
3-13	1930	7.26	670	4-02	1615	2.01	2.2	7-25	2230	5.18	250
3-13	1945	7.82	836	4-02	1815	2.00	2.0	7-25	2245	4.99	223
3-13	2000	7.51	743	4-02	1945	1.97	1.2	7-25	2300	4.71	185
3-13	2015	6.74	548	4-02	2015	1.96	1.0	7-25	2315	4.47	157
3-13	2030	5.81	362	4-02	2045	1.98	1.5	7-25	2330	4.26	135
3-13	2045	4.96	218	4-02	2100	2.10	4.6	7-25	2345	4.06	116
3-13	2100	4.46	156	4-02	2115	2.12	5.2	7-25	2400	3.86	99
3-13	2115	4.15	124	4-02	2130	3.99	111				
3-13	2130	3.92	104	4-02	2145	5.24	262	7-26	0015	3.66	83
3-13	2145	3.69	85	4-02	2200	6.14	429	7-26	0030	3.49	71
3-13	2200	3.45	69	4-02	2215	6.72	558	7-26	0045	3.34	62
3-13	2215	3.13	50	4-02	2230	6.41	486	7-26	0100	3.20	54
3-13	2230	3.05	46	4-02	2245	5.65	335	7-26	0115	3.07	46
3-13	2245	2.95	40	4-02	2300	5.43	292	7-26	0130	2.96	41
3-13	2315	3.01	44	4-02	2315	5.49	304	7-26	0145	2.85	36
3-13	2330	2.93	40	4-02	2330	5.07	238	7-26	0200	2.76	31
3-13	2400	2.86	36	4-02	2345	4.75	193	7-26	0215	2.71	28
				4-02	2400	4.44	156	7-26	0230	2.67	27
3-14	0015	2.70	28					7-26	0300	2.54	22
3-14	0030	2.61	24	4-03	0015	4.18	129	7-26	0400	2.34	14
3-14	0045	2.52	21	4-03	0030	3.91	104	7-26	0500	2.21	8.0
3-14	0100	2.45	18	4-03	0100	3.39	66	7-26	0600	2.11	5.0
3-14	0200	2.20	8.0	4-03	0115	3.16	52	7-26	0700	2.05	3.0
3-14	0300	2.12	5.0	4-03	0145	2.80	33	7-26	0900	2.00	2.0
3-14	0400	2.07	4.0	4-03	0200	2.67	27				
3-14	0700	2.00	2.0	4-03	0230	2.46	18	8-04	1630	1.88	0
				4-03	0300	2.29	12	8-04	1645	4.07	118
4-02	0615	1.69	0	4-03	0315	2.23	9.1	8-04	1700	8.40	1,080
4-02	0630	3.89	103	4-03	0330	2.18	7.3	8-04	1715	9.46	1,510
4-02	0645	6.47	500	4-03	0345	2.15	6.2	8-04	1730	8.84	1,240
4-02	0700	7.99	923	4-03	0400	2.13	5.5	8-04	1745	7.77	841
4-02	0730	6.05	412	4-03	0415	2.12	5.2	8-04	1800	6.72	558
4-02	0745	5.18	254					8-04	1815	5.65	335
4-02	0800	4.63	176	7-25	1745	1.85	.2	8-04	1830	4.85	207
4-02	0815	4.28	139	7-25	1800	5.30	269	8-04	1845	4.37	149
4-02	0830	3.97	109	7-25	1815	6.78	566	8-04	1900	4.05	116
4-02	0845	3.66	84	7-25	1830	6.62	524	8-04	1930	3.58	78
4-02	0900	3.36	64	7-25	1845	6.09	418	8-04	2000	3.24	56
4-02	0915	3.10	49	7-25	1900	5.53	309	8-04	2030	2.99	43
4-02	0930	2.88	37	7-25	1915	5.02	227	8-04	2100	2.80	33
4-02	0945	2.72	29	7-25	1930	4.58	170	8-04	2130	2.65	26
4-02	1000	2.59	24	7-25	1945	4.23	132	8-04	2215	2.48	19
4-02	1030	2.37	15	7-25	2000	5.02	227	8-04	2315	2.33	13
4-02	1100	2.22	8.7	7-25	2015	6.95	592	8-04	2345	2.27	11
4-02	1115	2.17	7.0	7-25	2030	7.26	670	8-04	2400	2.25	10
4-02	1130	2.14	5.8	7-25	2045	8.38	1,050				
4-02	1145	2.12	5.2	7-25	2100	8.34	1,040	8-05	0030	2.19	7.6
4-02	1215	2.09	4.3	7-25	2115	7.49	737	8-05	0115	2.13	5.5

PEAK DISCHARGE (BASE, NOT DETERMINED)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-10	1730	6.94	609	7-25	2045	8.38	1,050
3-13	2000	7.82	836	8-04	1715	9.46	1,510
4-02	0700	7.99	923				

MOBILE RIVER BASIN

02427013 Caine Creek near Safford, Ala.

LOCATION.--Lat 32°17'42", long 87°20'22", in SE¼ sec. 2, T. 15 N., R. 7 E., Dallas County, on upstream wingwall of culvert on State Highway 22, 2 mi (3.2 km) northeast of Safford.

DRAINAGE AREA.--2.67 mi^2 (6.92 km^2).

PERIOD OF RECORD.--August 1972 to September 1974 continuous gage-height records and flood-hydrograph records for selected floods in files of Geological Survey; October 1974 to current year flood hydrograph only.

GAGE.--Water-stage recorder. Altitude of gage is 130 ft (39.6 m) from topographic map.

EXTREMES.--Current year: Maximum discharge, 1,400 ft^3/s (39.6 m^3/s) Feb. 16 (gage height, 7.01 ft or 2.137 m).
Period of record: Maximum discharge, 1,430 ft^3/s (40.5 m^3/s) Mar. 16, 1973 (gage height, 7.10 ft or 2.164 m).

REMARKS.--Records fair.

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
12-23	2100	1.32	11	2-16	0515	3.85	533	2-16	2400	6.91	1,370
12-23	2115	1.72	53	2-16	0530	4.55	714				
12-23	2145	2.86	292	2-16	0545	4.79	780	2-17	0015	6.73	1,320
12-23	2200	3.30	398	2-16	0615	4.92	817	2-17	0100	6.01	1,120
12-23	2215	3.38	417	2-16	0645	5.18	889	2-17	0115	5.70	1,040
12-23	2330	3.46	436	2-16	0715	5.66	1,020	2-17	0130	5.15	881
12-23	2345	3.59	468	2-16	0815	5.76	1,050	2-17	0145	4.24	631
12-23	2400	3.63	478	2-16	0830	5.47	971	2-17	0200	3.46	436
				2-16	0900	4.10	595	2-17	0215	2.90	302
12-24	0130	3.76	510	2-16	0915	3.53	453	2-17	0230	2.51	212
12-24	0145	3.92	550	2-16	0930	3.10	350	2-17	0245	2.26	157
12-24	0200	4.28	642	2-16	0945	2.77	271	2-17	0300	2.12	128
12-24	0215	4.47	692	2-16	1000	2.50	210	2-17	0315	2.01	106
12-24	0415	4.70	755	2-16	1015	2.32	170	2-17	0330	1.93	90
12-24	0445	5.45	965	2-16	1030	2.20	144	2-17	0345	1.87	79
12-24	0500	6.09	1,140	2-16	1100	2.06	116	2-17	0400	1.83	71
12-24	0515	6.40	1,230	2-16	1200	1.83	71	2-17	0430	1.80	66
12-24	0600	6.06	1,140	2-16	1245	1.69	49	2-17	0515	1.84	73
12-24	0615	5.84	1,070	2-16	1330	1.57	34	2-17	0545	1.91	86
12-24	0630	5.46	968	2-16	1430	1.45	21	2-17	0600	1.92	88
12-24	0700	4.06	585	2-16	1445	1.43	19	2-17	0630	1.89	82
12-24	0715	3.42	427	2-16	1515	1.41	17	2-17	0730	1.75	58
12-24	0730	2.92	307	2-16	1545	1.42	18	2-17	0745	1.70	50
12-24	0745	2.53	217	2-16	1700	1.57	34	2-17	0815	1.64	42
12-24	0800	2.26	157	2-16	1730	1.64	42	2-17	0830	1.60	37
12-24	0815	2.11	126	2-16	1745	1.66	45	2-17	0930	1.49	25
12-24	0845	1.93	90	2-16	1830	1.66	45	2-17	1045	1.39	16
12-24	0915	1.80	66	2-16	1845	1.70	50	2-17	1100	1.37	14
12-24	0945	1.71	52	2-16	1900	1.81	68	2-17	1130	1.35	13
12-24	1015	1.63	41	2-16	1915	2.02	108	2-17	1145	1.33	12
12-24	1100	1.54	30	2-16	1930	2.24	153	2-17	1245	1.29	9.1
12-24	1230	1.42	18	2-16	1945	2.49	208	2-17	1430	1.23	6.2
12-24	1330	1.37	14	2-16	2000	2.83	285	2-17	1515	1.21	5.2
12-24	1345	1.35	13	2-16	2030	3.59	468	2-17	1600	1.19	4.5
12-24	1500	1.30	9.5	2-16	2045	4.08	590	2-17	1645	1.17	3.8
				2-16	2115	5.18	889	2-17	1715	1.16	3.5
2-16	0415	1.12	2.3	2-16	2130	5.55	993	2-17	1745	1.15	3.2
2-16	0430	1.43	19	2-16	2215	6.10	1,150	2-17	1815	1.14	3.0
2-16	0445	1.98	100	2-16	2245	6.77	1,330	2-17	1900	1.13	2.6
2-16	0500	2.93	309	2-16	2330	7.01	1,400	2-17	1915	1.12	2.3

Flood hydrograph partial-record stations--Continued

MOBILE RIVER BASIN

02427013 Caine Creek near Safford, Ala.--Continued

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
3-24	0815	1.27	8.1	7-31	0430	3.49	444	7-31	1600	6.37	1,220
3-24	0830	2.15	134	7-31	0445	3.37	415	7-31	1615	6.45	1,240
3-24	0845	3.24	384	7-31	0500	3.23	381	7-31	1630	6.48	1,250
3-24	0900	4.07	588	7-31	0515	3.09	348	7-31	1645	6.48	1,250
3-24	0915	4.36	663	7-31	0530	2.95	314	7-31	1700	6.43	1,240
3-24	0930	4.87	803	7-31	0545	2.85	290	7-31	1715	6.37	1,220
3-24	1000	5.58	1,000	7-31	0600	2.79	276	7-31	1730	6.26	1,190
3-24	1045	6.15	1,160	7-31	0615	2.81	280	7-31	1745	6.11	1,150
3-24	1100	6.24	1,190	7-31	0630	2.94	312	7-31	1800	5.92	1,100
3-24	1115	6.14	1,160	7-31	0645	3.14	360	7-31	1815	5.66	1,020
3-24	1145	5.28	917	7-31	0700	3.41	424	7-31	1830	5.29	920
3-24	1200	4.24	631	7-31	0715	3.81	522	7-31	1845	4.86	800
3-24	1215	3.24	384	7-31	0730	4.25	634	7-31	1900	4.49	697
3-24	1230	2.56	223	7-31	0745	4.67	747	7-31	1915	4.19	618
3-24	1245	2.19	142	7-31	0800	4.99	836	7-31	1930	3.91	548
3-24	1300	2.02	108	7-31	0815	5.22	901	7-31	1945	3.65	482
3-24	1315	1.89	82	7-31	0830	5.36	940	7-31	2000	3.37	415
3-24	1330	1.79	64	7-31	0845	5.43	959	7-31	2015	3.09	348
3-24	1345	1.72	53	7-31	0900	5.45	965	7-31	2030	2.82	283
3-24	1415	1.60	37	7-31	0915	5.42	957	7-31	2045	2.58	228
3-24	1445	1.51	27	7-31	0930	5.34	934	7-31	2100	2.37	181
3-24	1500	1.47	23	7-31	0945	5.22	901	7-31	2130	2.10	124
3-24	1530	1.41	17	7-31	1000	5.09	864	7-31	2145	2.02	108
3-24	1545	1.38	15	7-31	1015	4.95	825	7-31	2200	1.95	94
3-24	1600	1.36	14	7-31	1030	4.84	794	7-31	2215	1.89	82
3-24	1615	1.33	12	7-31	1045	4.74	766	7-31	2230	1.84	73
3-24	1645	1.29	9.1	7-31	1100	4.67	745	7-31	2245	1.79	64
3-24	1700	1.27	8.1	7-31	1115	4.69	752	7-31	2300	1.75	58
				7-31	1130	4.77	775	7-31	2330	1.71	52
7-31	0015	1.37	14	7-31	1145	4.93	819	7-31	2345	1.65	44
7-31	0045	1.44	20	7-31	1200	5.11	870	7-31	2400	1.62	40
7-31	0100	1.49	25	7-31	1215	5.29	920				
7-31	0115	1.58	35	7-31	1230	5.41	954	8-01	0015	1.59	36
7-31	0130	1.72	53	7-31	1245	5.47	971	8-01	0030	1.57	34
7-31	0145	1.92	88	7-31	1315	5.42	957	8-01	0045	1.55	32
7-31	0200	2.16	136	7-31	1330	5.33	931	8-01	0100	1.53	29
7-31	0215	2.42	192	7-31	1345	5.19	892	8-01	0030	1.51	27
7-31	0230	2.71	256	7-31	1400	5.05	853	8-01	0145	1.47	23
7-31	0245	3.00	326	7-31	1415	4.98	833	8-01	0200	1.46	22
7-31	0300	3.26	388	7-31	1430	5.05	853	8-01	0215	1.45	21
7-31	0315	3.43	429	7-31	1445	5.32	929	8-01	0230	1.44	20
7-31	0330	3.55	458	7-31	1500	5.64	1,020	8-01	0245	1.43	19
7-31	0345	3.62	475	7-31	1515	5.87	1,080	8-01	0300	1.42	18
7-31	0400	3.63	478	7-31	1530	6.03	1,130	8-01	0315	1.41	17
7-31	0415	3.58	465	7-31	1545	6.22	1,180	8-01	0400	1.38	15

PEAK DISCHARGE (BASE, NOT DETERMINED)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-24	0515	6.40	1,230	3-24	1100	6.24	1,190
2-16	2330	7.01	1,400	7-31	1630	6.48	1,250

Flood hydrograph partial-record stations--Continued

MOBILE RIVER BASIN

02438000 Buttahatchee River below Hamilton, Ala.

LOCATION.--Lat 34°06'22", long 87°58'38", on line between secs. 14 and 15, T.11 S., R.14 W., Marion County, near right bank on downstream side of bridge on U.S. Highway 78, 0.5 mile (0.8 km) downstream from Woods Creek, 2 miles (3.2 km) south of Hamilton, and at mile 82.6 (132.9 km).

DRAINAGE AREA.--284 mi^2 (736 km^2).

PERIOD OF RECORD.--October 1950 to September 1970 (October 1970 to current year, flood hydrograph only). Monthly discharge only for period October to December 1950, published in WSP 1724.

GAGE.--Water-stage recorder. Datum of gage is 360.50 ft (109.880 m) above mean sea level, (levels by Corps of Engineers). July 7, 1953, to July 10, 1954, nonrecording gage at site 300 ft (91 m) upstream at same datum.

AVERAGE DISCHARGE.--20 years (1950-70) 506 ft^3/s (14.33 m^3/s) 24.20 in/yr (615 mm/yr).

EXTREMES.--Current year: Maximum discharge, 24,900 ft^3/s (705 m^3/s) Mar. 13 (gage height, 26.95 ft or 8.214 m).

REMARKS.--Records good.

revisions.--WSP 1384: Drainage area.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
1-09	2400	3.45	790	1-11	2200	7.85	3,520	2-17	0900	13.07	7,610
				1-11	2400	7.45	3,240	2-17	1000	12.64	7,240
1-10	0200	3.45	790					2-17	1100	12.18	6,850
1-10	0400	3.95	1,050	1-12	0200	7.16	3,040	2-17	1200	11.62	6,400
1-10	0600	4.65	1,430	1-12	1200	6.39	2,500	2-17	1400	10.63	5,600
1-10	0700	5.11	1,690	1-12	2400	5.65	2,010	2-17	1600	9.79	4,930
1-10	0800	6.45	2,550					2-17	1800	9.16	4,440
1-10	0900	7.91	3,570	1-13	1200	5.02	1,640	2-17	2000	8.55	4,020
1-10	1000	7.18	4,460	1-13	2400	4.62	1,420	2-17	2200	7.93	3,580
1-10	1100	10.41	5,430					2-17	2400	7.44	3,240
1-10	1200	12.19	6,860	1-14	2400	4.17	1,170				
1-10	1300	13.60	8,090								
1-10	1400	15.05	9,450	1-15	2400	3.90	1,020	2-18	0200	7.04	2,960
1-10	1500	16.45	10,800					2-18	0400	7.22	3,080
1-10	1600	17.78	12,300	2-15	2400	2.86	507	2-18	0600	7.77	3,470
1-10	1700	18.84	13,400					2-18	0800	7.93	3,580
1-10	1800	19.82	14,500	2-16	0200	3.28	705	2-18	1000	8.01	3,640
1-10	1900	20.53	15,300	2-16	0400	5.40	1,860	2-18	1200	8.05	3,660
1-10	2000	21.39	16,400	2-16	0600	7.72	3,430	2-18	1300	8.15	3,740
1-10	2100	21.83	16,900	2-16	0800	9.19	4,460	2-18	1400	8.11	3,710
1-10	2200	22.20	17,300	2-16	0900	9.65	4,820	2-18	1500	8.14	3,730
1-10	2300	22.18	17,300	2-16	1000	9.61	4,790	2-18	1600	8.06	3,670
1-10	2400	22.26	17,400	2-16	1200	9.14	4,430	2-18	1800	7.85	3,520
				2-16	1400	8.71	4,130	2-18	2000	7.67	3,400
1-11	0100	22.13	17,300	2-16	1600	8.26	3,810	2-18	2400	7.30	3,140
1-11	0200	21.45	16,400	2-16	1800	7.70	3,420				
1-11	0300	21.15	16,100	2-16	1900	7.81	3,500				
1-11	0400	20.55	15,400	2-16	2000	9.16	4,440	2-19	1200	6.04	2,260
1-11	0500	19.87	14,600	2-16	2100	10.74	5,690	2-19	2400	5.34	1,820
1-11	0600	19.04	13,600	2-16	2200	11.94	6,650				
1-11	0700	18.27	12,800	2-16	2300	13.05	7,600				
1-11	0800	16.88	11,300	2-16	2400	13.71	8,190	2-20	1200	4.89	1,560
1-11	0900	15.70	10,100					2-20	2400	4.58	1,390
1-11	1000	14.56	8,980	2-17	0100	14.24	8,680				
1-11	1100	13.50	8,000	2-17	0200	14.58	9,000				
1-11	1200	12.50	7,120	2-17	0300	14.77	9,180	2-21	1200	4.31	1,240
1-11	1300	11.57	6,360	2-17	0400	14.67	9,090	2-21	2400	4.10	1,130
1-11	1400	10.89	5,810	2-17	0500	14.40	8,830				
1-11	1600	9.83	4,960	2-17	0600	13.93	8,390				
1-11	1800	9.00	4,330	2-17	0700	13.57	8,060	2-22	2400	3.81	970
1-11	2000	8.35	3,880	2-17	0800	13.39	7,900				

Flood hydrograph partial-record stations--Continued

MOBILE RIVER BASIN

02438000 Buttahatchee River below Hamilton, Ala.--Continued

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
3-10	2400	3.22	675	3-12	1600	5.68	2,030	3-13	2300	26.73	24,500
				3-12	1800	5.71	2,050	3-13	2400	26.47	24,000
				3-12	2000	5.58	1,970				
3-11	0200	3.16	645	3-12	2200	5.90	2,160				
3-11	0600	3.08	606	3-12	2300	7.00	2,930	3-14	0200	25.96	23,000
3-11	0700	3.10	615	3-12	2400	9.11	4,410	3-14	0400	25.19	21,600
3-11	0800	3.26	695					3-14	0500	24.48	20,400
3-11	0900	3.87	1,000					3-14	0600	23.91	19,500
3-11	1000	5.23	1,760	3-13	0100	12.39	7,030	3-14	0800	22.95	18,200
3-11	1100	7.33	3,160	3-13	0200	14.83	9,240	3-14	1000	21.66	16,700
3-11	1200	9.07	4,380	3-13	0300	16.79	11,200	3-14	1200	19.92	14,600
3-11	1300	9.87	5,000	3-13	0400	18.49	13,000	3-14	1400	17.42	11,900
3-11	1400	10.08	5,160	3-13	0500	19.60	14,300	3-14	1600	14.03	8,480
3-11	1500	10.19	5,250	3-13	0600	20.57	15,400	3-14	1800	11.43	6,240
3-11	1600	10.13	5,200	3-13	0700	21.37	16,300	3-14	2000	9.99	5,090
3-11	1800	9.10	4,400	3-13	0800	21.72	16,800	3-14	2400	8.66	4,090
3-11	2000	8.22	3,780	3-13	0900	22.16	17,300				
3-11	2200	7.63	3,370	3-13	1000	22.75	18,000				
3-11	2400	7.12	3,010	3-13	1100	22.98	18,300	3-18	2400	6.86	2,830
				3-13	1200	23.63	19,100				
				3-13	1400	24.60	20,600				
3-12	0400	6.24	2,400	3-13	1600	25.47	22,100	3-19	2400	5.68	2,030
3-12	0800	5.69	2,030	3-13	1800	26.31	23,700				
3-12	1200	5.54	1,940	3-13	2000	26.78	24,600				
3-12	1400	5.58	1,970	3-13	2100	26.87	24,800				
				3-13	2200	26.95	24,900	3-20	2400	4.88	1,560

PEAK DISCHARGE (BASE, 7,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-10	2400	22.26	17,400	3-13	2200	26.95	24,900
2-17	0300	14.77	9,180				

MOBILE RIVER BASIN

02439000 Buttahatchee River near Sulligent, Ala.

LOCATION.--Lat 33°55'08", long 88°07'47", in NE 1/4 sec.19, T.13 S., R.15 W., Lamar County, near left bank on downstream side of bridge on State Highway 17, 1 mi (1.6 km) upstream from Bogue Creek, 1.5 mi (2.4 km) northwest of Sulligent, 2 mi (3.2 km) downstream from Beaver Creek, and at mile 56.7 (91.2 km).

DRAINAGE AREA.--472 mi^2 (1,222 km^2).

PERIOD OF RECORD.--March 1939 to September 1959. October 1959 to September 1960, annual maximum only. October 1971 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 287.58 ft (87.654 m) above mean sea level. Prior to June 1, 1942, nonrecording gage at site 500 ft (152 m) upstream at datum 1.00 ft (0.305 m) higher. July 1, 1942 to September 30, 1971, nonrecording gage at present site and datum. November 3, 1948, to September 30, 1971 supplemental nonrecording gage on side channel at datum 10.00 ft (3.048 m) lower since August 12, 1971, supplemental water-stage recorder on side channel at datum 10.00 ft (3.048 m) lower.

AVERAGE DISCHARGE.--20 years (March 1939 to September 1959), 747 ft^3/s (21.16 m^3/s) 21.49 in/yr (546 mm/yr).

EXTREMES.--Current year: Maximum discharge, 23,300 ft^3/s (660 m^3/s) Mar. 14 (gage height, 15.96 ft or 4.865 m).
Period of record: Maximum discharge 60,100 ft^3/s (1,702 m^3/s) Mar. 17, 1973; maximum gage height 17.31 ft (5.276 m) Mar. 17, 1973.
1939-59: Minimum discharge observed, 32 ft^3/s (0.906 m^3/s) Sept. 15, 16, 1954, gage height 2.30 ft (0.701 m).

REMARKS.--Records good. Discharge figures computed by summation of flow in main and side channels and include flow of unnamed tributary entering river from left bank a short distance downstream from the station.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
12-23	2400	5.94	475	1-12	0600	15.26	11,800	3-13	1200	14.93	5,340
				1-12	1200	15.18	9,350	3-13	1800	15.22	7,580
12-24	0600	6.70	608	1-12	1800	15.11	7,690	3-13	2400	15.48	15,900
12-24	1200	8.40	933	1-12	2400	15.02	6,530				
12-24	1800	12.38	1,830					3-14	0600	15.82	21,700
12-24	2400	13.85	2,670	1-13	1200	14.77	4,930	3-14	1200	15.96	23,300
				1-13	2400	14.44	3,880	3-14	1800	15.82	21,500
12-25	0600	14.49	3,340					3-14	2400	15.55	17,800
12-25	1200	14.74	3,950	1-14	1200	13.99	3,080				
12-25	1800	14.89	5,400	1-14	2400	13.43	2,400	3-15	0600	15.27	13,600
12-25	2400	14.95	5,980					3-15	1200	15.13	9,890
				1-15	2400	12.49	1,890	3-15	1800	15.07	7,700
12-26	0600	15.01	6,110					3-15	2400	14.97	6,400
12-26	1000	15.05	6,220	2-15	2400	8.98	1,000				
12-26	1200	15.05	6,290					3-16	1200	14.75	4,870
12-26	1400	15.04	6,260	2-16	0400	10.23	1,270	3-16	2400	14.46	3,920
12-26	1800	15.00	6,260	2-16	0800	11.85	1,700				
12-26	2400	14.88	5,740	2-16	1200	13.24	2,240	3-17	1200	14.15	3,330
				2-16	1600	14.11	2,940	3-17	2400	13.75	2,780
12-27	1200	14.45	3,920	2-16	2000	14.63	3,690				
12-27	2400	14.27	3,300	2-16	2400	15.06	6,060	3-18	2400	13.74	2,790
12-28	2400	14.53	3,700	2-17	0600	15.07	7,190	3-19	2400	14.55	4,340
				2-17	1200	15.12	7,910				
12-29	2400	14.61	4,100	2-17	1800	15.19	10,100	3-20	2400	14.01	3,220
				2-17	2100	15.20	11,100				
12-30	0600	14.85	4,690	2-17	2400	15.19	10,900	3-21	2400	12.94	2,120
12-30	1200	15.07	5,960								
12-30	1900	15.17	7,540	2-18	0400	15.20	10,400	3-22	2400	12.12	1,750
12-30	2400	15.16	7,970	2-18	0800	15.18	9,700				
				2-18	1200	15.14	8,660	3-29	2400	14.25	3,160
12-31	1200	15.14	7,660	2-18	1800	15.08	7,510				
12-31	2400	15.10	7,420	2-18	2400	15.03	6,680	3-30	1200	14.80	4,960
								3-30	2400	14.97	5,910
1-01	1200	14.91	5,890	2-19	1200	14.96	6,380				
1-01	2400	14.59	4,350	2-19	2400	14.82	5,420	3-31	0300	14.99	6,110
								3-31	0500	14.98	6,150
1-02	2400	13.33	2,330	2-20	2400	14.13	3,370	3-31	1200	14.93	5,850
								3-31	1800	14.80	5,120
1-09	2400	11.49	1,570	2-21	2400	13.03	2,170	3-31	2400	14.64	4,440
1-10	0600	11.76	1,740	2-22	2400	12.05	1,730	4-01	0600	14.43	3,900
1-10	1200	14.31	3,740					4-01	1200	14.21	3,460
1-10	1800	14.99	5,470	3-11	2400	12.49	1,850	4-01	1800	13.96	3,060
1-10	2400	15.02	5,990					4-01	2400	12.68	2,710
				3-12	0600	13.42	2,290				
1-11	0600	15.20	7,750	3-12	1200	14.38	3,210	4-02	1200	13.11	2,210
1-11	1200	15.45	15,500	3-12	1800	14.64	3,750	4-02	2400	12.71	1,990
1-11	1600	15.57	17,400	3-12	2400	14.57	3,850				
1-11	1700	15.56	17,500					4-03	1200	12.33	1,820
1-11	2400	15.40	15,000	3-13	0600	14.78	4,620	4-03	2400	11.86	1,660

PEAK DISCHARGE (BASE, 4,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
12-26	1200	15.05	6,290	2-17	2100	15.20	11,100
12-30	2400	15.16	7,970	3-14	1200	15.96	23,300
1-11	1700	15.56	17,500	3-31	0500	14.98	6,150

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03574796 Walker Branch near Plevna, Ala.

LOCATION.--Lat 34°57'55", long 86°26'45", in SW 1/4 NW 1/4 SW 1/4 sec.8, T.1 S., R.2 E., Madison County, at upstream side of culvert on Jim Bruce Walker Road, 0.3 mi (0.5 km) north of Buddy Williamson Road, 1.7 mi (2.7 km) east of Plevna, and at mile 0.7 (1.1 km).

DRAINAGE AREA.--0.44 sq mi (1.14 km^2).

PERIOD OF RECORD.--Feb. 18, 1971 to Feb. 9, 1975.

GAGE.--Water-stage recorder.

EXTREMES.--Maximum discharges for the period Feb. 18, 1971 to Feb. 9, 1975 are contained in the following table

Water year	MAXIMUM				
	Date	Discharge (ft^3/sec)	Discharge (m^3/s)	Gage height (feet)	Gage height (metres)
1971	May 12, 1971	109	3.09	6.43	1.960
1972	Jan. 2, 1972	108	3.06	6.42	1.957
1973	Mar. 16, 1973	276	7.82	8.67	2.643
1974	Mar. 16, 1974	146	4.13	6.95	2.118
1975	Nov. 19, 1974	41	1.16	5.54	1.688

Period of record: Minimum, no flow for many days each year.

REMARKS.--Records good above 50 ft^3/s (1.42 m^3/s) and fair below.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1971

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
5-11	1800	3.78	.05	5-12	0100	4.14	2.4	5-12	0840	5.89	74
5-11	1900	3.78	.05	5-12	0200	4.07	1.7	5-12	0845	5.73	65
5-11	1925	3.97	.70	5-12	0300	4.01	1.1	5-12	0855	5.48	50
5-11	1935	4.54	8.8	5-12	0400	3.96	.60	5-12	0910	5.20	36
5-11	1945	4.58	9.6	5-12	0500	3.93	.40	5-12	0930	4.94	23
5-11	1950	5.04	28	5-12	0600	3.90	.10	5-12	0950	4.74	15
5-11	1955	4.99	26	5-12	0700	3.88	.10	5-12	1000	4.66	12
5-11	2000	4.89	21	5-12	0740	3.88	.10	5-12	1030	4.48	7.6
5-11	2005	4.78	16	5-12	0745	4.06	1.6	5-12	1100	4.37	5.4
5-11	2015	4.59	9.8	5-12	0750	5.23	38	5-12	1700	4.24	3.4
5-11	2030	4.47	7.4	5-12	0755	5.56	55	5-12	2200	4.21	3.1
5-11	2035	4.55	9.0	5-12	0800	5.80	69	5-12	2250	4.28	3.8
5-11	2050	4.61	10	5-12	0805	6.43	109	5-12	2300	4.30	4.0
5-11	2100	4.60	10	5-12	0810	6.31	101	5-12	2315	4.42	6.4
5-11	2110	4.53	8.6	5-12	0815	6.05	84	5-12	2320	4.43	6.6
5-11	2135	4.36	5.2	5-12	0820	5.88	74	5-12	2335	4.40	6.0
5-11	2200	4.25	3.5	5-12	0830	5.81	70	5-12	2345	4.44	6.8
5-11	2300	4.21	3.1	5-12	0835	5.89	74	5-12	2400	4.44	6.8
5-11	2400	4.30	4.0								

PEAK DISCHARGE (BASE, 100 CFS)

DATE	TIME	G.HT.	DISCHARGE
5-12	0805	6.43	109

TENNESSEE RIVER BASIN

03574796 Walker Branch near Plevna, Ala.--Continued

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1973

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
3-15	0145	4.15	1.0	3-16	0635	5.67	61	5-27	1540	5.78	68
3-15	0240	4.15	1.0	3-16	0825	5.36	44	5-27	1600	5.52	52
3-15	0450	4.16	7.0	3-16	1100	5.33	43	5-27	1655	5.06	29
3-15	0455	4.19	4.0	3-16	1205	5.73	65	5-27	1745	4.83	17
3-15	0505	4.36	2.7	3-16	1245	5.80	69	5-27	1805	4.75	13
3-15	0525	4.44	3.6	3-16	1440	5.02	27	5-27	1825	4.78	14
3-15	0635	4.40	3.1	3-16	1615	4.76	13	5-27	1840	4.77	14
3-15	0830	4.30	2.0	3-16	1800	4.64	8.1	5-27	1855	4.80	15
3-15	1025	4.30	2.0	3-16	2025	4.69	10	5-27	1910	4.76	13
3-15	1135	4.42	3.5	3-16	2400	4.57	6.0	5-27	1945	4.72	11
3-15	1215	4.46	4.0					5-27	2005	4.68	9.6
3-15	1300	4.55	5.5	5-27	0010	4.12	0	5-27	2040	4.63	7.7
3-15	1435	4.46	4.0	5-27	1010	4.19	0	5-27	2130	4.55	5.5
3-15	1515	4.46	4.0	5-27	1025	4.22	1.1	5-27	2235	4.48	4.1
3-15	1535	4.56	5.7	5-27	1035	4.27	1.7	5-27	2400	4.41	3.2
3-15	1625	4.56	5.7	5-27	1050	4.31	2.1				
3-15	1715	4.65	8.5	5-27	1100	4.32	2.2	5-28	0010	4.41	3.2
3-15	1805	4.78	14	5-27	1110	4.38	3.0	5-28	0230	4.34	2.5
3-15	1850	5.42	47	5-27	1115	4.46	4.0	5-28	0430	4.31	2.1
3-15	1945	5.61	58	5-27	1120	4.73	12	5-28	0605	4.29	2.0
3-15	2035	5.85	72	5-27	1125	5.03	28	5-28	0655	4.28	1.8
3-15	2120	6.07	85	5-27	1135	5.22	37	5-28	0810	4.27	1.7
3-15	2135	5.99	80	5-27	1145	5.63	59	5-28	0825	4.26	1.6
3-15	2230	5.63	59	5-27	1155	5.72	64	5-28	0915	4.26	1.6
3-15	2400	5.80	69	5-27	1220	5.73	65	5-28	0925	4.25	1.5
				5-27	1325	4.94	22	5-28	1015	4.25	1.5
				5-27	1355	4.76	13	5-28	1025	4.24	1.3
3-16	0105	5.57	55	5-27	1405	4.73	12	5-28	1115	4.24	1.3
3-16	0235	6.08	86	5-27	1410	4.74	12	5-28	1125	4.23	1.2
3-16	0240	6.27	98	5-27	1415	4.78	14	5-28	1210	4.23	1.2
3-16	0255	7.53	186	5-27	1420	5.05	29	5-28	1220	4.22	1.1
3-16	0325	7.65	195	5-27	1425	5.83	71	5-28	1300	4.22	1.1
3-16	0330	8.62	272	5-27	1430	6.34	103	5-28	1305	4.21	1.0
3-16	0335	8.67	276	5-27	1435	7.20	163	5-28	1400	4.21	1.0
3-16	0410	8.16	234	5-27	1440	7.65	195	5-28	1405	4.20	1.0
3-16	0440	8.50	262	5-27	1455	7.65	195	5-28	1450	4.20	1.0
3-16	0535	6.34	103	5-27	1520	6.28	99	5-28	1500	4.19	0
								5-28	2400	4.15	0

PEAK DISCHARGE (BASE, 100 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
3-16	0335	8.67	276	5-27	1440	7.65	195

TENNESSEE RIVER BASIN

03574796 Walker Branch near Plevna, Ala.--Continued

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1974

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
11-28	0010	4.22	1.2	12-25	0005	3.98	0.1	2-21	1940	4.37	2.8
11-28	0725	4.34	2.5	12-25	0815	4.07	0.2	2-21	1955	4.38	3.0
11-28	0740	4.63	7.8	12-25	0905	4.11	0.3	2-21	2000	4.41	3.2
11-28	0750	4.76	13	12-25	0945	4.22	1.2	2-21	2005	4.70	11
11-28	0805	4.99	25	12-25	1000	4.32	2.3	2-21	2015	5.49	51
11-28	0820	5.09	30	12-25	1020	4.48	4.2	2-21	2020	6.04	83
11-28	0840	5.14	33	12-25	1045	4.59	6.5	2-21	2025	6.17	91
11-28	0905	5.09	30	12-25	1055	4.69	10	2-21	2050	5.78	68
11-28	1015	4.91	21	12-25	1105	4.75	13	2-21	2120	5.75	66
11-28	1125	4.70	10	12-25	1115	4.81	16	2-21	2155	5.33	43
11-28	1210	4.60	6.7	12-25	1315	4.69	10	2-21	2335	4.85	18
11-28	1750	4.74	5.4	12-25	1345	4.60	6.7	2-21	2400	4.77	14
11-28	1800	4.59	6.5	12-25	1420	4.52	4.9				
11-28	1810	4.69	10	12-25	1525	4.50	4.5	2-22	0005	4.76	13
11-28	1825	4.80	15	12-25	1530	4.52	4.9	2-22	0050	4.66	9.0
11-28	1845	4.90	20	12-25	1545	4.59	6.5	2-22	0915	4.31	2.1
11-28	1905	5.08	30	12-25	1600	4.98	25	2-22	1620	4.25	1.5
11-28	1925	5.74	65	12-25	1610	5.45	48	2-22	1815	4.23	1.2
11-28	1930	5.96	79	12-25	1620	5.97	79	2-22	2400	4.22	1.1
11-28	1935	6.08	86	12-25	1630	6.30	100				
11-28	1940	6.17	91	12-25	1635	6.38	105	5-15	0835	4.08	0
11-28	1955	6.09	86	12-25	1640	6.38	105	5-15	0850	4.58	6.2
11-28	2005	5.93	77	12-25	1645	6.29	99	5-15	0855	5.14	33
11-28	2010	5.86	73	12-25	1650	6.18	92	5-15	0900	5.49	51
11-28	2020	5.71	64	12-25	1705	5.88	74	5-15	0905	6.43	109
11-28	2110	5.82	70	12-25	1730	5.62	58	5-15	0910	6.84	138
11-28	2115	4.89	74	12-25	1745	5.42	47	5-15	0915	6.95	146
11-28	2150	5.78	68	12-25	1805	5.23	38	5-15	0930	6.31	101
11-28	2210	5.55	54	12-25	1820	5.09	30	5-15	0945	6.05	84
11-28	2220	5.42	47	12-25	1835	4.98	25	5-15	1000	5.53	53
11-28	2235	5.29	40	12-25	1850	4.90	20	5-15	1020	5.16	34
11-28	2250	5.16	34	12-25	1925	4.79	15	5-15	1025	5.00	26
11-28	2320	4.96	24	12-25	2020	4.75	13	5-15	1030	5.05	29
11-28	2335	4.89	20	12-25	2130	4.67	9.4	5-15	1105	4.88	19
11-28	2400	4.80	15	12-25	2230	4.60	6.7	5-15	1220	4.69	10
				12-25	2355	4.65	8.6	5-15	1305	4.62	7.5
11-29	0005	4.78	14					5-15	1405	4.58	6.2
11-29	0105	4.65	8.6					5-15	1755	4.49	4.3
11-29	0800	4.30	2.1	2-20	0135	4.41	3.2	5-15	2240	4.40	3.1
11-29	1335	4.20	1.0	2-20	2400	4.37	2.8	5-15	2400	4.38	3.0

PEAK DISCHARGE (BASE, 100 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-25	1635	6.38	105	5-15	0915	6.95	146
3-21	0310	7.17	161	8-12	1740	7.62	192

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03574840 Morris Branch near Toney, Ala.

LOCATION.--Lat 34°52'58", long 86°41'55", in NW 1/4 SE 1/4 NE 1/4 sec.2, T.2 S., R.2 W., Madison County, 100 ft (30 m) upstream from bridge on Bo Howard Road, 0.3 mi (0.5 km) south of Pulaski Pike, 2.0 mi (3.2 km) east of Toney, and at mile 0.8 (1.3 km).

DRAINAGE AREA.--1.43 mi^2 (3.70 km^2).

PERIOD OF RECORD.--March 1971 to March 1975 (discontinued).

GAGE.--Water-stage recorder. Altitude of gage is 208 ft (63.4 m) above mean sea level (from topographic map).

EXTREMES.--Maximum discharge during October 1974 to March 1975, 125 ft^3/s (3.540 m^3/s) Jan. 9 (gage height, 6.04 ft or 1.841 m); minimum, no flow for many days.
Period of record: Maximum discharge, 840 ft^3/s (23.8 m^3/s) Mar. 16, 1973, (gage height, 9.19 ft or 2.801 m); minimum, no flow for many days each year.

REMARKS.--Records good above 25 ft^3/s (0.71 m^3/s) and poor below.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
11-18	2400	3.43	0	12-29	0715	5.41	37	1-10	2115	5.75	78
				12-29	0745	5.42	38	1-10	2245	5.48	43
11-19	1145	4.38	0	12-29	0815	5.39	35	1-10	2400	5.28	26
11-19	1200	4.74	4.1	12-29	0945	5.20	21				
11-19	1215	5.40	36	12-29	1230	5.00	12	1-11	0015	5.26	25
11-19	1245	5.52	47	12-29	1500	4.89	7.7	1-11	0145	5.11	17
11-19	1430	5.58	52	12-29	2000	4.77	5.0	1-11	0345	4.97	11
11-19	1445	5.57	51	12-29	2245	4.72	3.5	1-11	0515	4.89	7.7
11-19	1515	5.54	49	12-29	2400	4.70	3.0	1-11	0730	4.80	6.0
11-19	1530	5.57	51					1-11	0930	4.76	4.7
11-19	1645	5.35	32	12-30	0015	4.70	3.0	1-11	1215	4.70	3.0
11-19	1730	5.17	20	12-30	0815	4.60	2.0	1-11	1930	4.59	1.8
11-19	1830	5.00	12	12-30	1315	4.56	1.5	1-11	2245	4.56	1.5
11-19	1930	4.88	7.5	12-30	1630	4.55	1.5	1-11	2400	4.55	1.5
11-19	2130	4.74	4.1	12-30	1700	4.54	1.3				
11-19	2215	4.69	2.8	12-30	1845	4.54	1.3	1-12	0115	4.54	1.3
11-19	2400	4.61	2.0	12-30	1915	4.53	1.2	1-12	0315	4.52	1.1
				12-30	2045	4.53	1.2	1-12	0415	4.51	1.0
11-20	0015	4.59	1.8	12-30	2115	4.52	1.1	1-12	0815	4.51	1.0
11-20	0130	4.54	1.3	12-30	2245	4.52	1.1	1-12	0915	4.53	1.2
11-20	0230	4.52	1.1	12-30	2400	4.51	1.0	1-12	1015	4.52	1.1
11-20	0300	4.52	1.1					1-12	1115	4.53	1.2
11-20	0345	4.50	1.0	1-09	2400	4.45	0.5	1-12	1215	4.51	1.0
11-20	0415	4.50	1.0					1-12	1315	4.53	1.2
11-20	0430	4.49	0.9	1-10	0330	4.45	0.5	1-12	1445	4.58	1.7
11-20	0500	4.51	1.0	1-10	0415	4.48	0.8	1-12	1830	4.59	1.8
11-20	0600	4.58	1.7	1-10	0445	4.51	1.0	1-12	2015	4.54	1.3
11-20	0715	4.57	1.6	1-10	0500	4.55	1.5	1-12	2100	4.54	1.3
11-20	1030	4.45	0.5	1-10	0515	4.63	2.2	1-12	2315	4.57	1.6
11-20	1115	4.43	0.3	1-10	0530	4.72	3.5	1-12	2400	4.57	1.6
11-20	1200	4.41	0	1-10	0545	4.84	6.7				
11-20	2400	4.26	0	1-10	0615	5.01	13	1-13	0145	4.58	1.7
				1-10	0700	5.34	31	1-13	0315	4.56	1.5
11-28	2400	4.48	0.8	1-10	0745	5.40	36	1-13	0600	4.54	1.3
				1-10	0830	5.35	32	1-13	0630	4.53	1.2
12-29	0300	4.52	1.1	1-10	0945	5.21	22	1-13	0730	4.52	1.1
12-29	0330	4.57	1.6	1-10	1230	5.00	12	1-13	0830	4.51	1.0
12-29	0415	4.69	2.8	1-10	1445	4.91	8.3	1-13	1330	4.51	1.0
12-29	0430	4.72	3.5	1-10	1500	5.02	13	1-13	1430	4.53	1.2
12-29	0445	4.76	4.7	1-10	1515	5.25	24	1-13	1615	4.57	1.6
12-29	0500	4.83	6.5	1-10	1545	5.75	76	1-13	1800	4.58	1.7
12-29	0515	4.88	7.5	1-10	1715	5.98	116	1-13	2030	4.53	1.2
12-29	0545	5.02	13	1-10	1815	6.04	125	1-13	2100	4.52	1.1
12-29	0645	5.32	29	1-10	1900	6.01	121	1-13	2215	4.50	1.0
								1-13	2300	4.49	0.9
								1-13	2400	4.48	0.9

PEAK DISCHARGE (BASE, 40 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
11-19	1430	5.58	52	1-10	1815	6.04	125

TENNESSEE RIVER BASIN

03574872 Straight Ditch at Huntsville, Ala.

LOCATION.--Lat 34°49'24", long 86°32'08", in NW 1/4 SW 1/4 NW 1/4 sec.33, T.2 S., R.1 E., Madison County, 20 ft (6.1 m) upstream from culvert on Robert Strong Road, 0.1 mi (0.2 km) north of Countess Road, 3.3 mi (5.3 km) northeast of Alabama A & M College at Huntsville, and at mile 0.1 (0.2 km).

DRAINAGE AREA.--0.17 sq mi (0.44 km^2).

PERIOD OF RECORD.--April 1971 to April 1975. (Discontinued).

GAGE.--Water-stage recorder. Altitude of gage is 722 ft (220.1 m) (from topographic map).

EXTREMES.--Current year: Maximum discharge during period Oct. 1 to Apr. 13, 52 ft^3/s (1.47 m^3/s) Mar. 29 (gage height, 8.62 ft or 2.627 m); minimum discharge, no flow for many days.
Period of record: Maximum discharge, 144 ft^3/s (4.08 m^3/s) Mar. 16, 1973 (gage height, 10.70 ft or 3.261 m); minimum, no flow for many days each year.

REMARKS.--Records good above 1.0 ft^3/s (0.028 m^3/s) and poor below.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
3-28	2400	7.01	0.4	3-29	2040	7.30	2.5	3-31	2400	7.06	0.7
				3-29	2050	7.37	3.1				
				3-29	2055	7.47	4.5				
3-29	0235	7.01	0.4	3-29	2100	7.65	8.7	4-02	1750	7.05	0.6
3-29	0340	7.07	0.7	3-29	2105	7.89	19	4-02	1805	7.22	1.6
3-29	0425	7.22	1.6	3-29	2110	8.20	33	4-02	1810	7.37	3.1
3-29	0455	7.32	2.6	3-29	2115	8.30	38	4-02	1815	7.54	5.7
3-29	0505	7.39	3.3	3-29	2135	7.90	20	4-02	1820	7.61	7.3
3-29	0510	7.45	4.2	3-29	2145	7.77	14	4-02	1825	7.86	18
3-29	0515	7.62	7.6	3-29	2155	7.69	10	4-02	1830	8.04	26
3-29	0520	7.94	21	3-29	2205	7.73	12	4-02	1835	8.07	27
3-29	0525	8.11	29	3-29	2215	7.90	20	4-02	1900	7.68	9.7
3-29	0535	8.22	34	3-29	2225	8.17	32	4-02	1905	7.61	7.3
3-29	0555	7.90	20	3-29	2255	8.09	28	4-02	1910	7.61	7.3
3-29	0605	7.83	16	3-29	2325	7.73	12	4-02	1915	7.58	6.5
3-29	0610	7.89	19	3-29	2335	7.63	8.0	4-02	1935	7.52	5.3
3-29	0620	8.27	36	3-29	2345	7.55	6.0	4-02	1950	7.54	5.7
3-29	0625	8.58	50	3-29	2400	7.47	4.5	4-02	2025	7.41	3.6
3-29	0630	8.62	52	3-29				4-02	2050	7.33	2.7
3-29	0645	8.06	27					4-02	2100	7.33	2.7
3-29	0655	7.82	16	3-30	0030	7.39	3.3	4-02	2105	7.35	3.0
3-29	0705	7.70	11	3-30	0045	7.39	3.3	4-02	2110	7.40	3.5
3-29	0715	7.63	8.0	3-30	0105	7.46	4.3	4-02	2115	7.47	4.5
3-29	0735	7.57	6.3	3-30	0115	7.55	6.0	4-02	2125	7.52	5.3
3-29	0755	7.56	6.1	3-30	0120	7.60	7.0	4-02	2130	7.61	7.3
3-29	0835	7.43	4.0	3-30	0125	7.65	8.7	4-02	2135	7.71	11
3-29	0900	7.39	3.3	3-30	0135	7.65	8.7	4-02	2145	7.67	9.5
3-29	1000	7.34	2.8	3-30	0150	7.58	6.5	4-02	2155	7.58	6.5
3-29	1105	7.28	2.2	3-30	0220	7.45	4.2	4-02	2210	7.48	4.6
3-29	1220	7.20	1.5	3-30	0245	7.37	3.1	4-02	2235	7.37	3.1
3-29	1335	7.16	1.2	3-30	0330	7.29	2.3	4-02	2335	7.23	1.7
3-29	1450	7.14	1.0	3-30	0440	7.22	1.6	4-02	2400	7.18	1.3
3-29	1715	7.12	1.0	3-30	0510	7.20	1.5				
3-29	1805	7.16	1.2	3-30	0645	7.17	1.2				
3-29	1815	7.19	1.3	3-30	0910	7.14	1.0	4-03	0005	7.17	1.2
3-29	1830	7.32	2.6	3-30	1205	7.12	1.0	4-03	0035	7.13	1.0
3-29	1850	7.37	3.1	3-30	1410	7.10	0.9	4-03	0110	7.11	1.0
3-29	2010	7.30	2.5								

PEAK DISCHARGE (BASE, 20 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
11-19	1240	8.44	44	3-29	0630	8.62	52
3-29	0535	8.22	34	4-02	1835	8.07	27

TENNESSEE RIVER BASIN

03575686 Aldridge Creek at Huntsville, Ala.

LOCATION.--Lat 34°42'12", long 86°33'09", in NE 1/4 NW 1/4 SW 1/4 sec.8, T.4 S., R.1 E., Madison County, on right bank adjacent to Dunsmore Street, 600 ft (183 m) downstream from Drake Avenue, 2.8 mi (4.5 km) southeast of Main Post Office at Huntsville, and at mile 11.3 (18.2 km).

DRAINAGE AREA.--1.15 mi^2 (2.97 km^2).

PERIOD OF RECORD.--February 1971 to February 1975. (Discontinued).

GAGE.--Water-stage recorder. Datum of gage is 676.87 ft (206.310 m) above mean sea level).

EXTREMES.--Maximum discharge during period October 1974 to February 1975, 128 ft^3/s (3.62 m^3/s) Nov. 19 (gage height, 3.44 ft or 1.046 m); minimum, no flow for many days.
Period of record: Maximum discharge, 805 ft^3/s (22.8 m^3/s) Mar. 16, 1973 (gage height, 7.00 ft or 2.134 m); minimum, no flow for many days.

REMARKS.--Records good above 50 ft^3/s (1.42 m^3/s) and poor below.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
11-18	2400	1.67	0.6	11-19	1155	2.64	27	11-19	1455	2.56	20
				11-19	1200	2.55	20	11-19	1515	2.47	14
				11-19	1205	2.48	15	11-19	1530	2.42	11
11-19	0825	1.68	0.6	11-19	1210	2.43	12	11-19	1535	2.40	10
11-19	0840	1.84	1.4	11-19	1215	2.52	17	11-19	1545	2.37	8.6
11-19	0845	2.04	2.4	11-19	1220	2.91	53	11-19	1550	2.35	7.8
11-19	0850	2.11	2.8	11-19	1225	3.28	103	11-19	1605	2.32	6.4
11-19	0855	2.25	4.5	11-19	1230	3.44	128	11-19	1635	2.28	5.1
11-19	0900	2.37	8.6	11-19	1235	3.35	114	11-19	1740	2.22	3.9
11-19	0905	2.40	10	11-19	1240	3.28	103	11-19	1915	2.14	3.0
11-19	0915	2.45	13	11-19	1245	3.33	110	11-19	2045	2.08	2.6
11-19	0920	2.54	19	11-19	1255	3.28	103	11-19	2350	1.93	1.9
11-19	0925	2.62	25	11-19	1300	3.11	78				
11-19	0930	2.76	38	11-19	1305	2.96	59				
11-19	0935	2.79	41	11-19	1310	3.20	91	11-20	0040	1.89	1.7
11-19	0945	2.73	35	11-19	1315	3.44	128	11-20	0125	2.06	2.6
11-19	0950	2.68	30	11-19	1320	3.16	85	11-20	0130	2.02	2.4
11-19	0955	2.59	22	11-19	1325	2.93	56	11-20	0155	1.98	2.2
11-19	1000	2.52	17	11-19	1330	2.87	49	11-20	0205	1.95	2.0
11-19	1005	2.45	13	11-19	1335	2.82	44	11-20	0220	1.93	1.9
11-19	1010	2.39	10	11-19	1340	2.76	38	11-20	0235	1.91	1.8
11-19	1020	2.30	5.5	11-19	1345	2.70	32	11-20	0310	1.89	1.7
11-19	1030	2.22	3.9	11-19	1350	2.66	28	11-20	0335	1.87	1.6
11-19	1040	2.15	3.1	11-19	1400	2.61	24	11-20	0355	1.85	1.5
11-19	1115	2.01	2.3	11-19	1405	2.66	28	11-20	0440	1.83	1.4
11-19	1130	2.05	2.5	11-19	1410	2.72	34	11-20	0600	1.81	1.3
11-19	1135	2.51	17	11-19	1425	2.70	32	11-20	0740	1.79	1.2
11-19	1140	2.67	29	11-19	1430	2.68	30	11-20	0900	1.77	1.1
11-19	1145	2.78	40	11-19	1435	2.66	28	11-20	0935	1.76	1.0
11-19	1150	2.74	36								

PEAK DISCHARGE (BASE, 80 CFS)

DATE	TIME	G.HT.	DISCHARGE
11-19	1230	3.44	128

TENNESSEE RIVER BASIN

03575830 Indian Creek near Madison, Ala.

LOCATION.--Lat 34°41'50", long 86°42'00", in NE 1/4 sec.14, T.4 S., R.2 W., Madison County, on downstream side of bridge on State Highway 20, 0.3 mi (0.5 km) downstream from Southern Railroad bridge, 2.8 mi (4.5 km) east of Madison, and at mile 5.8 (9.3 km).

DRAINAGE AREA.--49.0 mi^2 (126.9 km^2).

PERIOD OF RECORD.--October 1959 to September 1966. October 1966 to September 1972 (annual maximum only). October 1972 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 600 ft (183 m) above mean sea level (from topographic map).

AVERAGE DISCHARGE.--7 years (1959-66), 67.4 ft^3/s (1.909 m^3/s) 18.68 in/yr (474 mm/yr).

EXTREMES.--Current year: Maximum discharge, 3,630 ft^3/s (103 m^3/s) Mar. 13 (gage height, 8.91 ft or 2.716 m).
Period of record: Maximum discharge, 16,500 ft^3/s (467 m^3/s) Mar. 16, 1973 (gage height, 12.70 ft or 3.871 m).
1959-66: Minimum discharge 2.5 ft^3/s (0.071 m^3/s) Aug. 3, 1962.

REMARKS.--Records good.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE
1-10	0030	2.70	48
1-10	0545	2.72	49
1-10	0745	2.83	58
1-10	0830	2.99	72
1-10	1045	3.81	172
1-10	1300	3.89	184
1-10	1445	3.81	172
1-10	1545	4.20	240
1-10	1700	5.18	474
1-10	1815	5.64	619
1-10	2000	6.31	905
1-10	2230	7.12	1,400
1-10	2400	7.32	1,560
1-11	0030	7.32	560
1-11	0645	6.56	1,040
1-11	0800	6.23	865
1-11	1015	5.56	591
1-11	1815	4.11	222
1-11	2115	3.77	166
1-11	2400	3.61	144
1-12	2400	3.39	116
1-13	2400	3.10	83
3-12	1200	3.26	100
3-12	1800	3.95	192
3-12	2000	4.09	218
3-12	2400	4.84	375
3-13	0200	5.90	720
3-13	0400	6.76	1,160
3-13	0600	7.26	1,510
3-13	0800	7.62	1,800
3-13	1000	7.97	2,190
3-13	1030	8.00	2,230
3-13	1200	7.94	2,150
3-13	1300	8.00	2,230
3-13	1600	8.29	2,640
3-13	1800	8.71	3,290
3-13	1900	8.83	3,490
3-13	2000	8.90	3,610
3-13	2015	8.91	3,630
3-13	2200	8.87	3,560
3-13	2400	8.74	3,340
3-14	0200	8.43	2,830
3-14	0400	8.09	2,360
3-14	0600	7.85	2,030
3-14	1200	7.07	1,360
3-14	1800	6.03	774
3-14	2400	4.95	405
3-15	1200	4.29	258
3-15	2400	4.00	200
3-29	0400	3.00	73
3-29	0500	3.15	88
3-29	0530	3.58	140
3-29	0600	4.13	226
3-29	0700	5.48	564
3-29	0800	6.11	810
3-29	0900	6.69	1,110
3-29	1000	7.18	1,440
3-29	1100	7.73	1,900
3-29	1200	7.93	2,130
3-29	1300	7.88	2,070
3-29	1400	7.73	1,900
3-29	1500	7.61	1,790
3-29	1600	7.55	1,740
3-29	1800	7.40	1,620
3-29	2000	7.16	1,430
3-29	2200	7.11	1,390
3-29	2400	7.25	1,500
3-30	0200	7.36	1,590
3-30	0400	7.55	1,740
3-30	0500	7.59	1,770
3-30	0600	7.53	1,720
3-30	0800	7.43	1,640
3-30	1000	7.30	1,540
3-30	1200	7.08	1,360
3-30	1400	6.82	1,190
3-30	1600	6.37	935
3-30	1800	5.84	696
3-30	2000	5.32	516
3-30	2200	4.90	390
3-30	2400	4.65	330
3-31	1200	4.06	212
3-31	2400	3.79	169
9-05	1200	2.04	13
9-05	1800	2.07	14
9-05	2000	2.87	61
9-05	2200	3.15	88
9-05	2400	4.62	324
9-06	0300	4.83	372
9-06	0600	5.04	432
9-06	0900	5.79	676
9-06	1000	6.55	1,030
9-06	1200	7.36	1,590
9-06	1500	8.16	2,450
9-06	1700	8.82	3,470
9-06	1745	8.88	3,580
9-06	1800	8.87	3,560
9-06	1900	8.79	3,420
9-06	2100	8.64	3,170
9-06	2400	8.52	2,960
9-07	0400	7.93	2,130
9-07	0800	7.43	1,640
9-07	1200	6.97	1,280
9-07	1600	6.18	841
9-07	2000	5.22	486
9-07	2400	4.47	294
9-08	2400	3.43	121
9-14	2400	2.82	57
9-15	0400	3.17	90
9-15	0800	3.68	153
9-15	1200	5.22	486
9-15	1400	6.04	778
9-15	1600	7.13	1,400
9-15	1900	8.16	2,450
9-15	2000	8.48	2,900
9-15	2100	8.73	3,320
9-15	2200	8.69	3,250
9-15	2400	8.34	2,710
9-16	0300	7.88	2,070
9-16	0600	7.63	1,810
9-16	0900	7.38	1,600
9-16	1200	7.12	1,400
9-16	1500	6.75	1,150
9-16	1800	6.17	837
9-16	2100	5.42	546
9-16	2200	5.17	471
9-16	2400	4.76	355
9-17	1200	3.85	178
9-17	2400	2.61	42

PEAK DISCHARGE (BASE, 1,500 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-10	2345	7.32	1,560	9-06	1745	8.88	3,580
3-13	2015	8.91	3,630	9-15	2100	8.73	3,320
3-29	1200	7.93	2,130				

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575910 Pine Haven Ditch at Huntsville, Ala.

LOCATION.--Lat 34°46'03", long 86°37'53", in SE 1/4 NW 1/4 NE 1/4 sec.21, T.3 S., R.1 W., Madison County, at culvert on Gayhart Drive, 0.1 mi (0.2 km) east of Angora Drive, 3.4 mi (5.5 km) north of West Station Post Office at Huntsville, and at mile 0.4 (0.6 km).

DRAINAGE AREA.--0.16 mi^2 (0.41 km^2).

PERIOD OF RECORD.--February 1971 to January 1975. (Discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 715 ft (218 m) above mean sea level (from topographic map).

EXTREMES.--Maximum discharge during period October 1974 to January 1975, 43 ft^3/s (1.22 m^3/s) Jan. 10 (gage height, 6.35 ft or 1.935 m); minimum, no flow for many days.
Period of record: Maximum discharge, 228 ft^3/s (6.46 m^3/s) Mar. 20, 1974 (gage height, 10.13 ft or 3.088 m).

REMARKS.--Records good above 5.0 ft^3/s (0.014 m^3/s) and poor below.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
1-09	2400	4.66	0	1-10	0635	5.01	1.8	1-10	1630	5.29	6.2
				1-10	0655	4.92	0.4	1-10	1645	5.33	7.3
				1-10	0805	4.76	0.1	1-10	1655	5.38	8.8
1-10	0440	4.66	0	1-10	0820	4.74	0	1-10	1710	5.38	8.8
1-10	0445	4.91	0.4	1-10	1450	4.72	0	1-10	1725	5.37	8.5
1-10	0450	4.99	1.6	1-10	1455	4.83	0.2	1-10	1735	5.40	9.5
1-10	0500	5.08	2.3	1-10	1500	5.01	1.8	1-10	1745	5.36	8.2
1-10	0505	5.17	3.8	1-10	1505	5.21	4.6	1-10	1750	5.30	6.5
1-10	0510	5.19	4.2	1-10	1510	6.02	30	1-10	1805	5.12	2.8
1-10	0515	5.11	2.6	1-10	1515	6.35	43	1-10	1810	5.06	2.1
1-10	0520	5.13	3.0	1-10	1530	5.73	20	1-10	1825	4.97	1.3
1-10	0530	5.10	2.5	1-10	1540	5.50	13	1-10	1830	4.94	0.9
1-10	0550	5.01	1.8	1-10	1545	5.45	11	1-10	1845	4.90	0.3
1-10	0600	5.09	2.3	1-10	1600	5.37	8.5	1-10	1920	4.80	0.1
1-10	0615	5.08	2.3	1-10	1610	5.28	6.0	1-10	2400	4.75	0
				1-10	1615	5.25	5.5				

PEAK DISCHARGE (BASE, 60 CFS).--No peak above base.

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575930 Broglan Branch at Holmes Avenue at Huntsville, Ala.

LOCATION.--Lat 34°43'45", long 86°36'31", in NE 1/4 SE 1/4 SE 1/4 sec.34, T.3 S., R.1 W., Madison County, at right bank on upstream side of bridge on Holmes Avenue, 1.3 mi (2.09 km) west of Main Post Office at Huntsville, and at mile 1.2 (1.93 km).

DRAINAGE AREA.--8.87 mi^2 (22.97 km^2).

PERIOD OF RECORD.--March 1971 to April 1975.(Discontinued).

GAGE.--Water-stage recorder. Altitude of gage is 605 ft (184 m) above mean sea level (from topographic map).

EXTREMES.--Current year: Maximum discharge, 1,090 ft^3/s (30.9 m^3/s) Mar. 29 (gage height, 7.66 ft or 2.335 m); minimum, no flow for many days.
Period of record: Maximum discharge, 4,240 ft^3/s (120 m^3/s) Mar. 16, 1973 (gage height, 12.55 ft or 3.825 m); minimum, no flow for many days each year.

REMARKS.--Records good above 40 ft^3/s (1.13 m^3/s) and poor below.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
3-10	2400	3.82	3.8	3-12	1410	4.27	73	3-28	2400	3.82	3.8
				3-12	1500	4.13	49				
3-11	0205	3.82	3.8	3-12	1525	4.11	46	3-29	0045	3.82	3.8
3-11	0210	3.81	3.0	3-12	1555	4.13	49	3-29	0050	3.81	3.0
3-11	0750	3.81	3.0	3-12	1815	4.02	30	3-29	0105	3.81	3.0
3-11	0805	3.84	5.3	3-12	1945	3.99	25	3-29	0110	3.82	3.8
3-11	0810	3.86	6.8	3-12	2015	3.98	24	3-29	0135	3.82	3.8
3-11	0830	3.89	9.1	3-12	2040	3.97	22	3-29	0140	3.81	3.0
3-11	0835	3.90	10	3-12	2055	3.97	22	3-29	0235	3.81	3.0
3-11	0840	3.92	13	3-12	2105	3.96	20	3-29	0240	3.82	3.8
3-11	0845	3.93	15	3-12	2125	3.96	20	3-29	0250	3.82	3.8
3-11	0850	3.95	19	3-12	2135	3.95	19	3-29	0255	3.84	5.3
3-11	0925	4.20	61	3-12	2215	3.95	19	3-29	0305	3.86	6.8
3-11	0935	4.36	88	3-12	2220	3.97	22	3-29	0315	3.86	6.8
3-11	1010	4.51	117	3-12	2230	4.15	53	3-29	0330	3.89	9.1
3-11	1120	4.76	167	3-12	2235	4.29	76	3-29	0340	3.89	9.1
3-11	1225	4.55	125	3-12	2245	4.72	159	3-29	0350	3.91	12
3-11	1320	4.72	159	3-12	2250	5.00	220	3-29	0400	3.93	15
3-11	1445	4.35	87	3-12	2255	5.75	410	3-29	0405	3.97	22
3-11	1645	4.16	54	3-12	2305	6.57	670	3-29	0410	4.09	42
3-11	1900	4.04	34	3-12	2315	6.76	736	3-29	0440	4.28	75
3-11	2020	4.00	27	3-12	2350	5.78	419	3-29	0450	4.33	83
3-11	2105	3.98	24	3-12	2400	5.64	380	3-29	0455	4.39	93
3-11	2130	3.97	22					3-29	0510	4.77	169
3-11	2150	3.97	22	3-13	0020	5.58	365	3-29	0515	4.94	205
3-11	2200	3.96	20	3-13	0050	5.61	373	3-29	0530	5.80	425
3-11	2220	3.96	20	3-13	0150	5.62	375	3-29	0545	6.00	485
3-11	2230	3.95	19	3-13	0300	5.82	431	3-29	0605	5.79	422
3-11	2255	3.95	19	3-13	0425	5.49	343	3-29	0610	5.92	461
3-11	2300	3.94	17	3-13	0650	4.95	208	3-29	0620	6.58	673
3-11	2345	3.94	17	3-13	0830	4.71	157	3-29	0630	7.53	1,030
3-11	2350	3.93	15	3-13	0955	4.61	137	3-29	0635	7.66	1,090
3-11	2400	3.93	15	3-13	1100	4.59	133	3-29	0640	7.65	1,090
				3-13	1130	4.69	153	3-29	0710	6.30	575
3-12	0040	3.93	15	3-13	1155	4.95	208	3-29	0745	5.80	425
3-12	0045	3.92	13	3-13	1305	5.79	422	3-29	0830	5.46	335
3-12	0145	3.92	13	3-13	1345	5.71	398	3-29	1055	4.81	177
3-12	0150	3.91	12	3-13	1425	5.52	350	3-29	1315	4.44	103
3-12	0320	3.91	12	3-13	1515	5.72	401	3-29	1555	4.24	68
3-12	0325	3.90	10	3-13	1555	6.04	497	3-29	1730	4.17	56
3-12	0435	3.90	10	3-13	1650	5.71	398	3-29	1820	4.23	66
3-12	0445	3.89	9.1	3-13	1820	6.09	512	3-29	1840	4.32	81
3-12	0650	3.89	9.1	3-13	1825	6.08	509	3-29	2010	4.27	73
3-12	0700	3.88	8.5	3-13	1910	5.84	437	3-29	2040	4.38	92
3-12	0950	3.88	8.5	3-13	1950	5.40	320	3-29	2045	4.44	103
3-12	1000	3.89	9.1	3-13	2125	4.95	208	3-29	2055	4.71	157
3-12	1200	3.89	9.1	3-13	2335	4.66	147	3-29	2115	5.58	365
3-12	1210	3.90	10	3-13	2400	4.64	143	3-29	2130	5.68	390
3-12	1220	3.96	20					3-29	2205	5.35	308
3-12	1225	3.97	22	3-14	0030	4.64	143	3-29	2225	5.57	363
3-12	1230	4.02	30	3-14	0155	4.54	123	3-29	2240	5.97	476
3-12	1240	4.15	53	3-14	0445	4.35	87	3-29	2305	5.99	482
3-12	1250	4.22	64	3-14	0840	4.21	63	3-29	2400	5.26	285
3-12	1300	4.54	123	3-14	1435	4.11	46				
3-12	1320	4.47	109	3-14	1850	4.06	37	3-30	0005	5.22	275
3-12	1330	4.50	115	3-14	2115	4.04	34	3-30	0030	5.05	233
				3-14	2345	4.02	30	3-30	0105	5.10	245
				3-14	2400	4.02	30	3-30	0140	5.20	270
								3-30	0255	4.82	179
								3-30	0535	4.47	109
								3-30	0820	4.29	76
								3-30	1230	4.16	54
								3-30	1715	4.08	41
								3-30	2105	4.04	34
								3-30	2400	4.01	29

PEAK DISCHARGE (BASE, 500 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-24	1405	6.07	506	3-29	0635	7.66	1,090
3-12	2315	6.76	736	4-02	1840	6.10	515

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03576250 Limestone Creek near Athens, Ala.

LOCATION.--Lat 34°45'06", long 86°49'24", in SW 1/4 sec.26, T.3 S., R.3 W., Limestone County, on downstream side of U.S. Highway 72 bridge, between Athens and Huntsville, and at mile 17.0 (27.4 km).

DRAINAGE AREA.--119 mi^2 (308 km^2).

PERIOD OF RECORD.--October 1939 to September 1970. (October 1970 to current year, flood hydrograph only). Prior to October 1966 published by Tennessee Valley Authority, Division of Water Planning, Hydraulic Data Branch.

GAGE.--Water-stage recorder. Datum of gage is 626.34 ft (190.908 m) above mean sea level (levels by TVA).

AVERAGE DISCHARGE.--31 years (1939-70) 194 ft^3/s (5.494 m^3/s) 22.14 in/yr (562 mm/yr).

EXTREMES.--Current year: Maximum discharge, 11,700 ft^3/s (331 m^3/s) Mar. 13, (gage height, 12.21 ft or 3.722 m).
Period of record: Maximum discharge, 45,800 ft^3/s (1,300 m^3/s) Mar. 16, 1973 (gage height, 17.28 ft or 5.267 m).
1939-70: Minimum daily, 8.0 ft^3/s (0.227 m^3/s) Sept. 2, 3, 1962.

REMARKS.--Records good.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1975

DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE	DATE	TIME	GAGE HEIGHT	DISCHARGE
1-10	0400	2.84	375	3-12	0600	4.42	898	3-15	1200	4.34	866
1-10	0800	4.08	768	3-12	1200	3.81	674	3-15	2400	3.71	638
1-10	1200	5.32	1,300	3-12	1800	4.70	1,010				
1-10	1600	6.62	2,110	3-12	2000	4.74	1,030	3-28	2400	2.16	240
1-10	2000	8.77	4,160	3-12	2200	4.82	1,060				
1-10	2400	9.24	4,800	3-12	2400	5.96	1,660	3-29	0400	2.27	260
								3-29	0600	3.95	723
								3-29	0900	7.50	2,830
1-11	0300	9.27	4,840					3-29	1200	7.90	3,190
1-11	0600	9.08	4,570	3-13	0200	7.16	2,540	3-29	1600	8.64	3,990
1-11	0900	8.87	4,290	3-13	0600	9.07	4,560	3-29	2000	9.16	4,680
1-11	1200	8.53	3,860	3-13	1000	10.27	6,630	3-29	2400	9.47	5,140
1-11	1600	7.60	2,920	3-13	1200	10.87	7,900				
1-11	2000	6.25	1,860	3-13	1400	11.47	9,410	3-30	0100	9.53	5,240
1-11	2400	5.26	1,270	3-13	1600	11.83	10,500	3-30	0400	9.00	4,460
				3-13	1800	12.11	11,400	3-30	0800	8.42	3,720
				3-13	1900	12.21	11,700	3-30	1200	8.19	3,470
1-12	0600	4.43	902	3-13	2000	12.19	11,700	3-30	1800	7.20	2,570
1-12	1200	3.98	733	3-13	2200	12.10	11,400	3-30	2400	5.61	1,450
1-12	2400	3.52	572	3-13	2400	11.90	10,700				
								3-31	0600	4.67	998
3-11	0600	2.20	247					3-31	1200	4.06	761
3-11	1200	3.39	532	3-14	0600	10.87	7,900	3-31	1800	3.67	624
3-11	1800	4.38	882	3-14	1200	9.12	4,630	3-31	2400	3.39	532
3-11	2400	4.69	1,010	3-14	1800	7.53	2,860				
				3-14	2400	5.97	1,660				

PEAK DISCHARGE (BASE, 3,200 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-11	0300	9.27	4,840	3-30	0100	9.53	5,240
3-13	1900	12.21	11,700	7-24	2100	8.90	4,330

The following table contains annual maximum discharge for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained, and discharge measurements may have been made for purposes of establishing the stage-discharge relation, but these are not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 1975

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
		Apalachicola River basin					
02358785	Cowarts Creek near Cottonwood, Ala.	Lat 31°01'30", long 85°14'07", in sec. 10, T. 7 N., R. 10 W., Houston County, 5.4 mi (8.7 km) east-southeast of Cottonwood.	104 (269 km^2)	1971 1972 1973 1974 1975	2-08-71 6-20-72 2-02-73 2-17-74 4-10-75	6.80 8.47 8.59 7.09 12.59	2,260 4,500 4,680 2,590 14,400
		Choctawhatchee River basin					
02360275	Judy Creek near Ozark, Ala.	Lat 31°27'47", long 85°34'20", in SE¼ sec. 30, T. 6 N., R. 25 E., Dale County, at bridge on Dale County highway 36, 2.2 mi (3.5 km) upstream from mouth, and 4 mi (6 km) east of Ozark.	102 (264 km^2)	1957, 1959-75	4-10-75	16.29	5,820
02362610	Bluff Creek near Midway, Ala.	Lat 32°03'00", long 85°34'21", in E½ sec. 6, T. 12 N., R. 25 E., Bullock County, 4.0 mi (6.4 km) southeast of Midway.	19.4 (50.2 km^2)	1972-75	2-17-75	14.75	5,350
02365310	Grants Branch Tributary near Fadette, Ala.	Lat 31°02'21", long 85°35'11", in SE¼ sec. 24, T. 1 N., R. 24 E., Geneva County, at culvert on county road No. 91, 4.8 mi (7.7 km) south of Slocomb.	1.50 (3.89 km^2)	1972-75	4-10-75	7.32	494
		Escambia River basin					
02372800	Stallings Creek near Greenville, Ala.	Lat 31°46'36", long 86°38'45", in SW¼ sec. 3, T. 9 N., R. 14 E., Butler County, 4.0 mi (6.4 km) south of Greenville at U.S. Highway 31, and 3.2 mi (5.1 km) above mouth.	35.9 (93.0 km^2)	1972-75	4-15-75	10.49	4,050
02374970	Sizemore Creek near Robinsonville, Ala.	Lat 31°06'54", long 87°23'30", in NW¼ sec. 32, T. 2 N., R. 7 E., Escambia County, at county bridge about 3.9 mi (about 6.3 km) northeast of Robinsonville.	78.3 (202.8 km^2)	1971-75	7-03-75	27.67	4,950
02377500	Styx River near Loxley, Ala.	Lat 30°39'50", long 87°38'20", in S½ sec. 26, T. 4 S., R. 4 E., Baldwin County, near right bank on downstream side of pier of bridge on county road, 2 mi (3 km) upstream from Hollinger Creek, and 7 mi (11 km) northeast of Loxley.	93.2 (241.4 km^2)	1951-69≠, 1972-75	8-01-75	20.81	19,000
		Mobile River basin					
02400033	Nances Creek near White Plains, Ala.	Lat 33°50'43", long 85°40'00", in NW¼ sec. 2, T. 14 S., R. 9 E., Calhoun County, on upstream wingwall of culvert on State Highway 9, 6 mi (9.7 km) southwest of Piedmont, and 6.5 mi (10.4 km) northeast of White Plains.	4.60 (11.91 km^2)	1970-74≠≠, 1970-75	7-07-75	5.82	933
02404245	Cheaha Creek near Talladega, Ala.	Lat 33°30'37", long 86°00'58", in NE¼ sec. 33, T. 17 S., R. 6 E., Talladega County, at bridge on county highway, 8 mi (13 km) north of Talladega.	69.2 (179.2 km^2)	1951-53, 1955-75	9-23-75	9.38	1,760
02407680	Waxahatchee Creek near Columbiana, Ala.	Lat 33°10'49", long 86°39'08", in NW¼ sec. 28, T. 21 S., R. 1 W., Shelby County, at bridge on State Highway 70, 3.0 mi (4.8 km) west of Columbiana.	32.7 (84.7 km^2)	1971-75	10-23-75	8.90	✗
02409540	Proctor Creek near Rockford, Ala.	Lat 32°49'08", long 86°21'52", in SW¼ sec. 9, T. 21 N., R. 17 E., Coosa County, at culvert on State Highway 22, 10 mi (16 km) west of Rockford.	1.02 (2.64 km^2)	1972 1973 1974 1975	1-10-72 5-08-73 No peak above 320 4-02-75	4.59 5.81 7.13	451 605 790
02412050	Cane Creek near Heflin, Ala.	Lat 33°39'16", long 85°31'52", in NW¼ sec. 7, T. 16 S., R. 11 E., Cleburne County, 3.5 mi (5.6 km) east of Heflin, and approximately 3.0 mi (approximately 4.8 km) above mouth.	47.8 (123.8 km^2)	1972-75	9-23-75	11.30	✗

✗ Discharge not determined.
≠ Operated as a continuous-record gaging station.
≠≠ Operated as a flood hydrograph and rainfall station.

Annual maximum discharge at crest-stage partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Dis-charge (cfs)
		Mobile River basin--Continued					
02413475	Wedowee Creek near Wedowee, Ala.	Lat 33°19'30", long 85°29'02", in E½ sec. 34, T. 19 S., R. 11 E., Randolph County, at bridge on U.S. Highway 431, 1.5 mi (2.4 km) north of Wedowee.	51.1 (132.3 km²)	1951	3-29-51	8.08	1,880
				1951-52	3-03-52	12.2	3,720
				1951-53	4-30-53	11.6	3,450
				1951-54	3-28-54	5.63	995
				1951-55	2-07-55	8.8	2,180
				1951-56	3-16-56	12.7	3,970
				1951-57	4-04-57	12.6	3,920
				1951-58	2-06-58	11.0	3,180
				1951-59	3-10-59	5.8	1,050
				1951-60	7-28-60	9.4	2,460
				1951-61	2-25-61	13.01	4,120
				1951-62	4-12-62	9.94	2,660
				1951-63	3-06-63	7.93	1,840
				1951-64	1-25-64	12.37	3,820
				1951-65	12-25-64	9.60	2,540
				1951-66	2-13-66	10.05	2,740
				1951-67	11-10-68	4.67	826
				1951-68	4-05-68	10.38	2,860
				1951-69	4-18-69	10.38	2,860
				1951-70	6-04-70	7.23	1,560
				1951-71	3-02-71	12.36	3,820
				1951-72	1-11-72	12.37	3,820
				1951-73	5-21-73	11.87	3,540
				1951-74	1-02-74	11.4	3,360
				1951-75	9-23-75	10.86	3,090
02414765	Enitachopco Creek below Ashland, Ala.	Lat 33°23'07", long 86°00'51", on section line between sections 6 and 7, T. 21 S., R. 8 E., Clay County, at county road 3.5 mi (5.6 km) south of Ashland.	25.8 (66.8 km²)	1972-75	9-23-75	9.82	2,460
02419835	Chubbahatchee Creek near Friendship, Ala.	Lat 32°30'38", long 86°04'31", in SE¼ sec. 29, T. 18 N., R. 20 E., Elmore County, at county road about 5 mi (8 km) west of Friendship.	45.7 (118.4 km²)	1971-73	2-02-73	30.21	2,380
				1974	No peak recorded		
				1971-75	4-14-75	35.16	5,900
02421256	Swift Creek near Vida, Ala.	Lat 32°34'06", long 86°40'34", sec. 4, T. 18 N., R. 14 E., Autauga County, about 12 mi (about 19 km) northwest of Prattville along U.S. Highway 82 near Vida.	99.4 (257 km²)	1970-75	4-03-75	63.28	/
02423555	Cahaba River near Helena, Ala.	Lat 33°17'04", long 86°52'58", on line between sections 19 and 20, T. 20 S., R. 3 W., Shelby County, on right bank at downstream side of bridge on Shelby County highway 52, 1 mi (2 km) above mouth of Trigger Creek, and 3 mi (5 km) west of Helena.	334 (865 km²)	1965-74	12-26-73	20.42	a9,250
				1965-75	2-26-75	21.97	10,200
02424010	Sandy Creek near Centreville, Ala.	Lat 32°53'00", long 86°59'48", in SW¼ sec. 8, T. 22 N., R. 11 E., Bibb County, at culvert on U.S. Highway 82, 8 mi (13 km) southeast of Centreville, and about 10 mi (about 16 km) upstream from mouth.	0.63 (1.63 km²)	1971-74 ## 1975	4-15-75	3.96	146
02429650	Majors Creek near Tensaw, Ala.	Lat 31°07'43", long 87°49'06", in SW¼ sec. 18, T. 2 N., R. 3 E., Baldwin County, at bridge on State Highway 59 about 10 mi (about 16 km) north of Stockton, and 3 mi (5 km) south of Tensaw.	44.7 (115.8 km²)	1970-75	7-31-75	13.88	3,600
02443230[b]	Mud Creek near Fernbank, Ala.	Lat 33°36'32", long 88°09'45", in SE¼ sec. 1, T. 17 S., R. 16 W., Lamar County, 3.0 mi (4.8 km) northwest of Fernbank at county road crossing, and 7.0 mi (11.3 km) above mouth.	35.8 (92.7 km²)	1972-75	3-13-75	34.46	/
02457700	Fivemile Creek at Linn Crossing, Ala.	Lat 33°40'18", long 86°57'52", in SW¼ sec. 4, T. 16 S., R. 4 W., Jefferson County, 0.5 mi (0.8 km) south of Linn Crossing, and 3 mi (5 km) north of Graysville.	98.7 (255.6 km²)	1965-75	1-25-75	10.10	5,920
02462000	Valley Creek near Oak Grove, Ala.	Lat 33°26'50", long 87°07'20", in NW¼ sec. 25, T. 18 S., R. 6 W., Jefferson County, near center of span on downstream side of highway bridge, 1,000 ft (305 m) downstream from Raccoon Branch, 1.5 mi (2.4 km) east of Oak Grove, and 10.5 mi (16.9 km) west of Bessemer.	145 (376 km²)	1954-58≠ 1959-63, 1964-65≠, 1966-75	1-25-75	21.61	8,970

/ Discharge not determined.
Operated as a flood hydrograph and rainfall station.
a Revised.
b Previously published as 02442600

Annual maximum discharge at crest-stage partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
		Mobile River basin--Continued					
02469500	Tuckabum Creek near Butler, Ala.	Lat 32°11'00", long 88°10'12", in S½ sec. 15, T. 14 N., R. 2 W., Choctaw County, on left bank, 150 ft (46 m) upstream from bridge on State Highway 17, 2.5 mi (4.0 km) upstream from Yantley Creek, 4 mi (6 km) downstream from Boguelichitto Creek, and 7 mi (11 km) northeast of Butler.	112 (290 km²)	1971-75	12-25-74	13.61	2,800
02469550	Horse Creek near Sweetwater, Ala.	Lat 32°02'57", long 87°52'12", in SW¼ sec. 34, T. 13 N., R. 2 E., Marengo County, near right bank on downstream side of bridge on Marengo County highway 25, 0.5 mi (0.8 km) downstream from Mill Creek, 0.8 mi (1.3 km) south of Exmoor, 1.2 mi (1.9 km) north of Hoboken, 3 mi (5 km) upstream from Sweetwater Creek, and 3.5 mi (5.6 km) south of Sweetwater.	52.8 (136.8 km²)	1959-70≠, 1971-75	2-17-75	17.73	14,600
02469678	Billis Creek near Melvin, Ala.	Lat 31°57'56", long 88°26'30", in SE¼ sec. 12, T. 11 N., R. 5 W., Choctaw County, at culvert on county road about 2 mi (about 3 km) east of Melvin.	2.21 (5.72 km²)	1973-75	No peak above 440		
02470100	East Bassett Creek at Walker Springs, Ala.	Lat 31°32'15", long 87°47'24", in NE¼ sec. 32 T. 7 N., R. 3 E., Clarke County, near right bank on downstream side of bridge on county road, 1,000 ft (304 m) southeast of Walker Springs, and 2.8 mi (4.5 km) upstream from Rabbit Creek.	188 (487 km²)	1956-70≠, 1972-75	2-17-75	10.16	8,470
02470320	Bates Creek near Sims Chapel, Ala.	Lat 31°12'31", long 88°06'46", in S½ sec. 19, T. 3 N., R. 1 W., Washington County, at county road bridge about 2.0 (about 3.2 km) southeast of Sims Chapel.	51.8 (134.2 km²)	1970-75	5-08-75	40.35	6,260
		Tennessee River basin					
03585380	West Fork Anderson Creek near Lexington, Ala.	Lat 34°58'23", long 87°17'05", in NW¼SE¼SE¼ sec. 8, T. 1 S., R. 7 W., Lauderdale County, attached to the upstream wingwall of a culvert on a county road, 4.8 mi (7.7 km) east of Lexington.	5.92 (15.3 km²)	1968-74##, 1974-75	3-13-75	6.39	888
03591570	Bear Creek at Posey Mill, Ala.	Lat 34°19'37", long 87°34'49", in SW¼ sec. 27, T. 8 S., R. 10 W., Franklin County, on left bank, 150 ft (46 m) upstream from county road, at Posey Mill	26.8 (69.4 km²)	1964-75	3-13-75	17.57	2,390

≠ Operated as a continuous-record gaging station
Operated as a flood hydrograph and rainfall station.

Discharge measurements at miscellaneous sites

Measurements of streamflow at points other than gaging stations or partial-record stations are given in the following table. Those that are measurements of low flow are designated by an asterisk (*); measurements of peak flow by a dagger (†).

Discharge measurements made at miscellaneous sites during water year 1975

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Apalachicola River basin				
Bazemore Spring	Cowarts Creek	Lat 31°01'40", long 85°11'50", in NW¼ sec. 25, T. 1 N., R. 28 E., Houston County, about 50 ft (about 15 m) west of county road 81, and about 1 mi (about 2 km) northeast of Grangeburg, Ala.		1971, 1973-74	10-21-74 4-01-75	2.0 12.8
		Choctawhatchee River basin				
Coffee Spring	Beaver Dam Creek	Lat 31°10'18", long 85°54'20", in SW¼ sec. 1, T. 2 N., R. 21 E., Geneva County, about 300 ft (about 91 m) east of county road, and about 0.5 mi (about 0.8 km) northeast of post office, and near city limits of Coffee Springs, Ala.		1971, 1973	10-22-74 4-02-75	0.52 No flow
Pea River	Choctawhatchee River	Station No. 02363100. Lat 31°24', long 86°04', in SE¼ sec. 8, T. 5 N., R. 20 E., at bridge on U.S. Highway 84 at Elba, 500 ft (152 m) downstream from Whitewater Creek, and 0.5 mi (0.8 km) upstream from Beaver Dam Creek and Atlantic Coast Line Railroad bridge			2-19-75 2-19-75 2-20-75	21,500 37,900 37,700
Pea River	Choctawhatchee River	Station No. 02364500. Lat 31°06'45", long 86°05'58", in sec. 25, T. 2 N., R. 19 E., Geneva County, on right bank at downstream side of bridge on State Highway 52, 500 ft (152 m) downstream from Boyenton Creek, 1.8 mi (2.9 km) downstream from Louisville and Nashville Railroad bridge, 3 mi (4.8 km) west of Samson, 6.5 mi (10 km) upstream from Flat Creek, and at mile 29.8 (47.9 km) (furnished by Corps of Engineers)	1,187 (3,074 km²)	1904-12≠ 1922-25≠ 1955-70≠	2-19-75 2-20-75 2-21-75 2-21-75	12,500 17,800 29,000 30,800
		Escambia River basin				
Stabler Spring	Pigeon Creek	Lat 31°44'36", long 86°29'28", in NW¼ sec. 19, T. 9 N., R. 16 E., Butler County, about 6 mi (about 10 km) north of Pigeon Creek, Ala., and about 5 mi (about 8 km) southwest of Midway, Ala.		1971, 1973	10-21-74	11.2
McCreary Spring	Conecuh River	Lat 31°13'18", long 86°48'02", in SE¼ sec. 18, T. 3 N., R. 13 E., Escambia County, about 5.5 mi (about 8.8 km) northwest of Dixie, and about 20 mi (about 32 km) northeast of Brewton, Ala.		1971, 1974	10-25-74 4-02-75	No flow No flow
Murder Creek	Conecuh River	Station No. 02374700. Lat 31°06'42", long 87°04'08", in SW¼ of SW¼ sec. 28, T. 2 N., R. 10 E., Escambia County, at bridge on U.S. Highway 29 in Brewton, Ala., 0.5 mi (0.8 km) upstream from Burnt Corn Creek, and 3.6 mi (5.8 km) upstream from mouth (furnished by Corps of Engineers)	428 (1,108 km²)	1937-46	4-10-75 4-12-75 4-14-75 4-18-75 8-12-75	15,900 13,600 5,270 2,210 1,590
Burnt Corn Creek	Murder Creek	Lat 31°10'14", long 87°05'57", in N½ sec. 6, T. 2 N., R. 3 E., Escambia County, at bridge on county road 5.05 mi (8.13 km) northwest of Brewton, Ala., and about 7.1 mi (11.4 km) upstream from mouth (furnished by Corps of Engineers)			4-10-75 4-11-75 4-12-75 4-14-75 4-18-75 7-31-75 7-31-75 8-01-75 8-01-75	20,800 13,900 3,140 2,540 890 8,930 8,310 7,160 6,540
Burnt Corn Creek	Murder Creek	Station No. 02374550. Lat 31°06'40", long 87°04'37", in SW¼ of SW¼ sec. 29, T. 2 N., R. 10 E., Escambia County, at bridge on U.S. Highway 31 in Brewton, Ala., and 0.4 mi (0.6 km) upstream from mouth (furnished by Corps of Engineers)	185 (479 km²) (approx.)	1937-46	4-10-75 4-18-75 8-12-75	10,800 1,040 633

≠ Operated as a continuous-record gaging station.

Discharge measurements made at miscellaneous sites during water year 1975--Continued

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Mobile River basin				
Cedar Spring	Cheaha Creek	Lat 32°30'57", long 86°00'59", in S½ sec. 28, T. 17 S., R. 6 E., Talladega County, about 0.5 mi (about 0.8 km) northwest of bridge crossing of Cheaha Creek on county road, and about 4.5 mi (about 7.2 km) west of Munford, Ala.		1968-69	10-23-74 3-31-75	5.16 8.53
Grogan Spring	Talladega Creek	Lat 33°23'18", long 86°09'30", in W½ sec. 7, T. 19 S., R. 5 E., Talladega County, at farm owned by Bert Grogan at Mardisville, about 5 mi (about 8 km) northeast of Winterboro, Ala.		1971	10-23-74 3-31-75	2.45 4.52
Tallasseehatchee Spring	Tallasseehatchee Creek	Lat 33°15'50", long 86°16'28", in SW¼ sec. 29, T. 20 S., R. 4 E., Talladega County, about 100 ft (about 30 m) from Tallasshatchee Creek, and about 0.1 mi (about 0.2 km) downstream from county road crossing, and 4 mi (6 km) northwest of Sycamore, Ala.		1968-69	10-23-74 3-31-75	1.13 4.79
Bay Spring	Waxahatchee Creek	Lat 33°03'08", long 86°34'46", in NW¼ sec. 21, T. 24 N., R. 15 E., Shelby County, at bridge on county road crossing near Bay Spring Church, 4 mi (6.4 km) south of Shelby, Ala.		1974	10-21-74	4.35
Big Swamp Creek	Alabama River	Station No. 02422000. Lat 32°16'00", long 86°41'40", in NE¼ sec. 19, T. 15 N., R. 14 E., Lowndes County, on right bank at upstream side of bridge on U.S. Highway 80, 1 mi (1.6 km) downstream from Panther Creek, 5 mi (8 km) west of Lowndesboro, and 12 mi (19 km) upstream from mouth	247 (640 km^2)	1940-71≠	5-05-75 6-18-75 7-28-75 9-03-75	47.0 58.6 597 2.85
Hutson Branch	Limestone Creek	Lat 31°31'48", long 87°16'40", in SE¼ sec. 32, T. 7 N., R. 8 E., Monroe County, at bridge crossing on county road about 2 mi (about 3 km) northeast of Monroeville, Ala.			11-07-74	4.88
Lightsey Pond Spring	Cahaba River	Lat 32°54'34", long 87°07'20", in SE¼SE¼ sec. 1, T. 22 N., R. 9 E., Bibb County, at spillway, 2.5 mi (4.0 km) south of Centreville, Ala., on State Highway 219		1957, 1971, 1973-74	10-18-74	9.23
Cahaba River	Alabama River	Lat 32°47'07", long 87°11'51", in SE¼ sec. 29, T. 22 N., R. 9 E., Bibb County, at county road crossing, 2 mi (3.2 km) southeast of Harrisburg, and 7 mi (11.3 km) southeast of Centreville, Ala.			4-01-75 5-07-75	4,660 1,530
Double Branch Creek	Limestone Creek	Lat 31°32'44", long 87°21'16", in W½ sec. 3, T. 6 N., R. 7 E., Monroe County, at bridge crossing on State Highway 47 near the western boundary of city limits of Monroeville, Ala.			11-07-74	7.62
Double Branch Creek	Limestone Creek	Lat 31°33'38", long 87°22'53", in E½ sec. 29, T. 7 N., R. 7 E., Monroe County, at bridge crossing on county road about 3.5 mi (about 5.6 km) northwest of Monroeville, Ala.			11-07-74	17.8
Limestone Creek	Alabama River	Station No. 02429000. Lat 31°33'45", long 87°21'06", in NE¼ sec. 22, T. 7 N., R. 7 E., Monroe County, near left bank on downstream side of bridge on State Highway 41, 3 mi (4.8 km) northwest of Monroeville, and 10 mi (16.1 km) upstream from mouth	117 (303 km^2)	1951-70≠ 1972-73≠≠	11-07-74	99.2
Sipsey River	Black Warrior River	Lat 33°40'10", long 87°48'59", SW¼ sec. 8, T. 16 S., R. 12 W., Fayette County, at county highway bridge, 1.0 mi (1.61 km) southeast of Fayette, and 1.5 mi (2.41 km) downstream from Southern Railroad bridge	276	1939-59≠	11-01-74	79.1
Village Creek	Black Warrior River	Lat 33°31'15", long 86°53'21", in NE¼NW¼NE¼ sec. 31, T. 17 S., R. 3 W., Jefferson County, on concrete bridge on Avenue F west, Birmingham, Ala.	37.8	1936, 1945-46 1952-53 1974	11-12-74 4-04-75	53.6 99.3

≠ Operated as a continuous-record gaging station.
≠≠ Operated as a flood hydrograph station.

Discharge measurements made at miscellaneous sites during water year 1975--Continued

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Mobile River basin--Continued				
Big Sandy Creek	Black Warrior River	Lat 33°06'03", long 87°19'35", in sec. 25, T. 22 S., R. 8 W., Tuscaloosa County, at point 10 ft (3 m) above Big Sandy Spring, 4.5 mi (7.2 km) south of Coaling, Ala.		1965, 1969, 1973-74	10-30-74	14.9
Big Sandy Creek	Black Warrior River	Lat 33°06'06", long 87°19'36", in sec. 25, T. 22 S., R. 8 W., Tuscaloosa County, at point 800 ft (244 m) below Big Sandy Spring, 4.5 mi (7.2 km) south of Coaling, Ala.	13.3 (34.4 km^2)	1956, 1969, 1970, 1973-74	10-30-74	17.3
White Creek	Black Warrior River	Lat 32°49'20", long 87±53'05", SW¼ sec. 3, T. 21 N., R. 2 E., Greene County, at bridge on U.S. Highway 43, 0.5 mi (0.8 km) south of Eutaw city limits			11-05-74	0
Stephens Creek	Black Warrior River	Lat 32°47'57", long 87°53'52", NW¼ sec. 16, T. 21 N., R. 2 E., Greene County, at bridge on U.S. Highway 43, 2.35 mi (3.78 km) south of Eutaw city limits			11-05-74	0
Hoven Spring	Tombigbee River	Lat 31°31'30", long 87°56'10", in SW¼ sec. 36, T. 7 N., R. 1 E., Clarke County, about 0.1 mi (about 0.2 km) north of U.S. Highway 43 bridge crossing of Tombigbee River near Jackson, Ala.			10-23-74	2.64

Discharge measurements made at miscellaneous sites during water year 1975--Continued

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Tennessee River basin				
Crow Creek	Tennessee River	Lat 34°56'03", long 85°55'03", in SE 1/4 NE 1/4 SW 1/4 sec.20, T.1 S., R.7 E., Jackson County, at Ala. 117, 1 mile (1.6 km) upstream from Bennett Cove Creek and 3.7 miles (6.0 km) from Ala-Tenn state line, near Stevenson, Ala.	-	1973-75,	2-25-75	617
Paint Rock River	Tennessee River	Lat 34°34'47", long 86°18'05", in SW 1/4 SE 1/4 NW 1/4 sec.27, T.5 S., R.3 E., Madison-Marshall County line, at Butler Mill, 1.4 miles (2.3 km) downstream from Little Paint Creek, and 3.7 miles (6.0 km) southwest of Woodville, Ala., and at mile 20.9 (33.6 km).	392 (1015 km^2)	1970-73, 1975	11-07-74	32.6
Tremble Creek	Paint Rock River	Lat 34°34'37", long 86°20'40", in NW 1/4 NW 1/4 SW 1/4 sec.29, T.5 S., R.3 E., Madison County, at bridge on New Hope-Cedar Point Road, 4.0 miles (6.4 km) northeast of New Hope, Ala.	9.73 (25.20 km^2)	1970-73, 1975	11-07-74	.45
Paint Rock River	Tennessee River	Lat 34°30'45", long 86°20'25", in SW 1/4 SE 1/4 sec.17, T.6 S., R.3 E., Madison-Marshall County line, 1.1 miles (1.8km) upstream from Cedar Creek, and 3.7 miles (6.0 km) east of New Hope, Ala., and at mile 11.6 (18.7 km).	415 (1075 km^2)	1972-73, 1975	11-07-74	47.4
Little Paint Rock Creek	Paint Rock River	Lat 34°29'04", long 86°23'11", in SE 1/4 NW 1/4 SE 1/4 sec.26, T.6 S., R.2 E., Marshall County, at bridge on county road, 1.0 mile (1.6 km) upstream from mouth at Hebron, Ala.	9.43 (24.42 km^2)	1970-73, 1975	11-07-74	*1.65
Scott Branch	Paint Rock River	Lat 34°29'48", long 86°24'47", in NE 1/4 SW 1/4 SW 1/4 sec.22, T.6 S., R.2 E., Madison County, at old bridge 0.2 mile (0.3 km) upstream from mouth and 2.1 miles (3.4 km) northwest of Hebron, Ala	4.04 (10.46 km^2)	1970-73, 1975	11-07-74	*.18
Fowler Creek	West Fork Flint River	Lat 34°58'36", long 86°35'06", in SE 1/4 SW 1/4 SW 1/4 sec.1, T.1 S., R.1 W., Madison County, at bridge on Elkwood Section Road, 0.8 mile (1.3 km) upstream from Fowler Creek and 3.2 miles (5.1 km) north of Hazel Green, Ala.	8.02 (20.77 km^2)	1970-73, 1975	11-04-74	*.88
Flint River	Tennessee River	Lat 34°52'44", long 86°28'50", in NW 1/4 NW 1/4 SW 1/4 sec.12, T.2 S., R.1 E., Madison County, 600 feet (91 m) south of Oscar Patterson Road, 0.5 mile (0.8 km) upstream from Mountain Fork, 3.7 miles (6.0 km) southwest of New Market, Ala., and at mile 41.5 (66.8km)	132 (342 km^2)	1970-73, 1975	11-08-74	52.2
Mountain Fork	Flint River	Lat 34°55'04", long 86°24'05", in NE 1/4 NE 1/4 NW 1/4 sec.34, T.1 S., R.2 E., Madison County, at bridge on Old Mountain Fork, 0.9 mile (1.4 km) downstream from Watercress Spring and 1.6 miles (2.6 km) northeast of New Market, Ala.	23.1 (59.8 km^2)	1970-73, 1975	11-04-74	14.7
Hester Creek	Mountain Fork	Lat 34°58'40", long 86°27'06", in SE 1/4 SW 1/4 SE 1/4 sec.6, T.1 S., R.2 E., Madison County, at bridge on Phillips Road, 1.0 mile (1.6 km) downstream from Jenny River, and 2.3 miles (3.7 km) northwest of Plevna, Ala.	26.1 (67.6 km^2)	1962-65, 1970-73, 1975	11-06-74	4.06
Mountain Fork	Flint River	Lat 34°52'32", long 86°28'27", in NE 1/4 SE1/4 SW 1/4 sec.12, T.2 S., R.1 E., Madison County, 500 feet (152 m) upstream from mouth, and 3.5 miles (5.6 km) southwest of New Market, Ala.	84.4 (218.6 km^2)	1944, 1970-73, 1975	11-04-75	36.5

Discharge measurements made at miscellaneous sites during water year 1975--Continued

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Tennessee River basin--Continued				
Brier Fork Flint River	Flint River	Lat 34°55'10", long 86°37'18", in SE 1/4 SW 1/4 SW 1/4 sec.27, T.1 S., R.1 W., Madison County, at bridge on West Limestone Road, 0.2 mile (0.3 km) upstream from Banyon Swamp Creek, and 3.0 miles (4.8 km) west of Hazel Green, Ala.	22.0 (57.0 km^2)	1970-73, 1975	11-04-74	1.67
Steger Spring	Copeland Creek	Lat 34°56'06", long 86°36'10", in NE 1/4 SW 1/4 SW 1/4 sec. 23, T.1 S., R.1 W., Madison County, 0.75 miles (1.2 km) east of the intersection of Loveless and Ready Section Roads, and 1.75 (2.8 km) west of Hazel Green, Ala.	-	1972-73, 1975	11-06-74	.33
Copeland Creek	Brier Fork Flint River	Lat 34°55'29", long 86°36'15", in NE 1/4 NW 1/4 SW 1/4 sec.26, T.1 S., R.1 W., Madison County, at bridge on West Limestone Road, 0.7 mile (1.1 km) upstream from mouth, and 1.9 miles (3.1 km) west of Hazel Green, Ala.	9.36 (24.24 km^2)	1970-73, 1975	11-04-74	2.07
Brier Fork Flint River	Flint River	Lat 34°52'33", long 86°34'14", in NW 1/4 SW 1/4 SW 1/4 sec.7, T.2 S., R. 1 E., Madison County, at bridge on U. S. Highway 231, 1.7 miles (2.7 km) north of Meridianville, Ala., and 3.3 miles (5.3 km) upstream from Beaverdam Creek.	44.6 (115.5 km^2)	1970-73, 1975	11-06-74	10.5
Brier Fork Flint River	Flint River	Lat 34°51'12", long 86°32'36", in NE 1/4 SW 1/4 NE 1/4 sec.20, T.2 S., R.1 E., Madison County, at bridge on Meridianville Bottom Road, 0.5 mile (0.8 km) upstream from Beaverdam Creek and 1.6 miles (2.6 km) east of Meridianville, Ala.	47.8 (123.8 km^2)	1970-73, 1975	11-08-74	9.90
Beaverdam Creek	Brier Fork Flint River	Lat 34°51'40", long 86°38'34", in NE 1/4 SW 1/4 SW 1/4 sec.16, T.2 S., R.1 W., Madison County, at bridge on Pulaski Pike, 2.3 miles (3.7 km) upstream from Banyon Creek and 4.1 miles (6.6 km) west of Meridianville, Ala.	19.5 (50.5 km^2)	1970-73, 1975	11-08-74	4.96
Meridianville Spring	Beaverdam Creek	Lat 34°50'42", long 86°34'06", in SE 1/4 SW 1/4 SW 1/4 sec.19, T.2 S., R.1 E., Madison County, 0.2 mile (0.3 km) upstream from Beaverdam Creek, and 0.5 mile (0.8 km) southeast of Meridianville, Ala.	-	1953, 1965, 1970-72, 1975	11-06-74	*1.87
Brier Fork Flint River	Flint River	Lat 34°49'24", long 86°29'05", in NW 1/4 SE 1/4 NE 1/4 sec.35, T.2 S., R.1 E., Madison County, at bridge on Riverton Road, 300 feet (91 m) upstream from mouth, and 4.5 miles (7.2 km) northeast of Chase, Ala.	112 (290 km^2)	1970-73, 1975	11-06-74	56.2
Boiling Spring	Flint River	Lat 34°48'18", long 86°28'20", in NE 1/4 NW 1/4 SE 1/4 sec.1, T.3 S., R.1 E., Madison County, 1.3 miles (2.1 km) south of Bell Factory, 3.4 miles (5.5 km) northwest of Maysville, Ala., and at mile 34.8 (56.0 km).	-	1952, 1970-73, 1975	11-07-74	*8.55
Chase Creek	Flint River	Lat 34°47'06", long 86°29'23", in SW 1/4 SW 1/4 SE 1/4 sec.11, T.3 S., R.1 E., Madison County, 0.5 mile (0.8 km) upstream from mouth, and 3.2 miles (5.1 km) east of Chase, Ala.	8.42 (21.81 km^2)	1970-73, 1975	11-06-74	.93
Flint River	Tennessee River	Lat 34°47'13", long 86°28'46", in NE 1/4 SW 1/4 SW 1/4 sec.12, T.3 S., R.1 E., Madison County, 700 feet (213 m) downstream from Chase Sewage Lagoon effluent, 1,600 feet (488 m) downstream from Chase Creek, 0.7 mile (1.1 km) northeast of Acuff Spring, 1.3 miles (2.1 km) southeast of Mt. Carmel, Ala., and at mile 33.0 (53.1 km).	362 (938 km^2)	1971-73, 1975	9-11-75	155

Discharge measurements made at miscellaneous sites during water year 1975--Continued

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Tennessee River basin--Continued				
Dug Hill Spring	Hambrick Branch	Lat 34°44'58", long 86°28'39", in SW 1/4 SE 1/4 NW 1/4 sec.25, T.3 S., R.1 E., Madison County, 2.0 miles (3.2 km) west of Brownsboro, Ala.	-	1964, 1970-73, 1975	11-06-74	*.35
Flint River	Tennessee River	Lat 34°41'47", long 86°25'20", in SE 1/4 SE 1/4 SW 1/4 sec.9, T.4 S., R.2 E., Madison County, at bridge on Little Cove Road, 2.5 miles (4.0 km) west of Gurley, Ala., and at mile 22.9 (36.8 km).	390 (1010 km^2)	1970-73, 1975	11-06-74	295
Hurricane Creek	Flint River	Lat 34°52'44", long 86°23'14", in SW 1/4 NE 1/4 SW 1/4 sec.11, T.2 S., R.2 E., Madison County, at bridge on Sharpes Hollow Road, 0.5 mile (0.8 km) upstream from Barley Branch, and 3.8 miles (6.1 km) southeast of New Market, Ala.	14.0 (36.3 km^2)	1970-72, 1975	11-06-74	.88
Hurricane Creek	Flint River	Lat 34°48'07", long 86°24'12", in NW 1/4 SE 1/4 SE 1/4 McNutty Reservation, T. 3 S., R.2 E., Madison County, at bridge on County Lake Road, 0.2 mile (0.3 km) upstream from left bank tributary, 0.9 mile (1.4 km) upstream from Molder Branch, and 3.2 miles (5.1 km) northeast of Maysville, Ala.	28.9 (74.9 km^2)	1970-73, 1975	11-07-74	.75
Hurricane Creek	Flint River	Lat 34°45'19", long 86°23'32", in SW 1/4 SW 1/4 sec.23, T.3 S., R.2 E., Madison County, at bridge on Gurley Pike, 1.2 miles (1.9 km) upstream from right bank tributary, 2.0 miles (3.2 km) upstream from Killingsworth Cove Branch, and 2.4 miles (3.9 km) southeast of Maysville, Ala.	50.0 (129.5 km^2)	1962-65, 1971-73, 1975	11-06-74	2.17
Beason Spring	Unnamed tributary to Killingsworth Cove Branch	Lat 34°44'18", long 86°22'34", in NW 1/4 SW 1/4 NW 1/4 sec.36, T.3 S., R.2 E., Madison County, 0.3 mile (0.5 km) upstream from Killingsworth Cove Branch, and 2.7 miles (4.3 km) north of Gurley, Ala.	-	1971-73, 1975	11-07-74	*.90
Flint River	Tennessee River	Lat 34°35'38", long 86°28'06", in NE 1/4 NE 1/4 NE 1/4 sec.24, T.5 S., R.1 E., Madison County, at bridge on Big Cove Road, 0.4 mile (0.6 km) upstream from Glover Cove Creek, 0.7 mile (1.1 km) northwest of Owens Cross Roads, Ala., and at mile 12.1 (19.5 km).	517 (1339 km^2)	1953, 1970-73, 1975	11-07-74	236
Flint River	Tennessee River	Lat 34°32'10", long 86°29'28", in SW 1/4 SE 1/4 SE 1/4 sec.2, T.6 S., R.1 E., Madison County, at bridge on Hobbs Island Road, 2.7 miles (4.3 km) downstream from Yellow Bank Creek, 4.0 miles (6.4 km) southwest of Owens Cross Roads, and at mile 4.8 (7.7 km).	557 (1443 km^2)	1970-73, 1975	11-07-74	252
Esslinger Spring	Unnamed tributary to Aldridge Creek	Lat 34°38'33", long 86°32'24", in SW 1/4 NW 1/4 SW 1/4 sec.33, T.4 S., R.1 E., Madison County, 0.25 mile (0.4 km) south of intersection of Bailey Cove Road and Weatherly Road in Huntsville, Ala.	-	1961-62, 1971-73, 1975	11-07-74	*.88
Aldridge Creek	Tennessee River	Lat 34°37'44", long 86°32'23", in SW 1/4 NW 1/4 SW 1/4 sec.4, T.5 S., R.1 E., Madison County, at bridge on Green Mountain Road, and 2.1 miles (3.4 km) southeast of Lily Flagg, Ala.	-	1970-75	1-09-75	16.5
Aldridge Creek	Tennessee River	Lat 34°35'02", long 86°33'21", in NE 1/4 SW 1/4 SW 1/4 sec.20, T.5 S., R.1 E., Madison County, below sewer outfall, 150 feet (46 m) below Hobbs Island Road, and 0.9 mile (1.4 km) southeast of Farley, Ala.	21.0 (54.4 km^2)	1971-73, 1975	11-07-74	6.05
Dupree Branch	Indian Creek	Lat 34°46'38", long 86°42'51", in NE 1/4 NE 1/4 SE 1/4 sec. 15, T.3 S., R.2 W., Madison County, at bridge on Jeff Road, 0.2 mile (0.3 km) upstream from mouth and 5.7 miles (9.2 km) southeast of Harvest, Ala.	3.91 (10.13 km^2)	1970-73, 1975	11-06-74	2.86

Discharge measurements made at miscellaneous sites during water year 1975--Continued

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Tennessee River basin--Continued				
Indian Creek	Tennessee River	Lat 34°44'59", long 86°41'51", in NE 1/4 NE 1/4 SE 1/4 sec.26, T. 3 S., R.2 W., Madison County, at bridge on U.S. Highway 72, 0.1 mile (0.2 km) downstream from Dry Creek and 6.85 miles (11.0 km) west of Main Post Office in Huntsville, Ala.	39.4 (102.0 km^2)	1970-73, 1975	11-07-74	5.31
Indian Creek	Tennessee River	Lat 34°38'37", long 86°41'12", in NE 1/4 SW 1/4 SE 1/4 sec.36, T.4 S., R.2 W., Madison County, at Wheeler National Wildlife Refuge boundary and 200 feet (61 m) downstream from sewer outfall, 700 feet (213 m) downstream from Martin Road, and 6.6 miles (10.6 km) southwest of West Station Post Office in Huntsville, Ala.	-	1971-73, 1975	11-07-74	17.7
Fagan Creek	Huntsville Spring Branch	Lat 34°43'29", long 86°35'16", in SE 1/4 NW 1/4 NW 1/4 sec.1, T.4 S., R.1 W., Madison County, at abandoned bridge, 0.2 mile (0.3 km) downstream from Gallatin Street, 0.4 mile (0.6 km) upstream from mouth, and 0.6 mile (1.0 km) south of Main Post Office in Huntsville, Ala.	3.92 (10.15 km^2)	1970-73, 1975	11-08-74	0
Huntsville Spring Branch	Indian Creek	Lat 34°43'21", long 86°35'33", in NE 1/4 SE 1/4 NE 1/4 sec.2, T.4 S., R.1 W., Madison County, at bridge on Sears Drive, 0.7 mile (1.1 km) southwest of Main Post Office in Huntsville, Ala., and at mile 14.5 (23.3 km).	27.1 (70.1 km^2)	1970-73, 1975	11-07-74	2.49
Merrimac Branch	Huntsville Spring Branch	Lat 34°41'54", long 86°35'47", in SW 1/4 SE 1/4 SE 1/4 sec.11, T.4 S., R.1 W., Madison County, at mouth, 200 feet (61 m) downstream from unnamed tributary draining Braham Spring Lake, and 1.9 miles (3.1 km) southeast of West Station Post Office in Huntsville, Ala.	2.63 (6.81 km^2)	1970-72, 1975	11-08-74	0
Huntsville Spring Branch	Indian Creek	Lat 34°41'24", long 86°35'47", in NW 1/4 NE 1/4 SE 1/4 sec.14, T.4 S., R.1 W., Madison County, at bridge on Johnson Road, 2.3 miles (3.7 km) southeast of West Station Post Office in Huntsville, Ala., and at mile 12.2 (19.6 km).	-	1967, 1970-75	4-22-75	*86.0
Huntsville Spring Branch	Indian Creek	Lat 34°39'33", long 86°36'16", in SW 1/4 NE 1/4 SW 1/4 sec.26, T.4 S., R.1 W., Madison County, at bridge on Martin Road, 2.2 miles (3.5 km) northwest of Farley Station Post Office in Huntsville, Ala., and at mile 9.8 (15.8 km).	46.9 (121.5 km^2)	1971-73, 1975	5-20-75 7-01-75 9-11-75	*85.0 66.2 37.8
McDonnel Creek	Huntsville Spring Branch	Lat 34°39'12", long 86°36'46", in NE 1/4 NE 1/4 NE 1/4 sec.34, T.4 S., R.1 W., Madison County, at bridge on Martin Road, 1.2 miles (1.9 km) upstream from mouth, and 2.6 miles (4.2 km) west of Farley Station Post Office in Huntsville, Ala.	-	1970-73, 1975	11-07-74	.59
Little Limestone Creek	Limestone Creek	Lat 34°54'13", long 86°47'20", in NE 1/4 NW 1/4 NE 1/4 sec.1, T.2 S., R.3 W., Limestone County, 100 feet (30 m) downstream from Tyrone Creek, 0.3 mile (0.5 km) west of Madison County line, 3.2 miles (5.1 km) west of Toney, Ala., and at mile 0.5 (0.8 km).	33.9 (87.8 km^2)	1970-73, 1975	11-06-74	6.9
Knox Creek	Limestone Creek	Lat 34°45'34", long 86°47'09", in SE 1/4 SE 1/4 SE 1/4 sec.24, T.3 S., R.3 W., Madison-Limestone County line, at bridge on County Line Road, 1.0 mile (1.6 km) southeast of Capshaw, Ala., and at mile 1.4 (2.3 km).	8.75 (22.66 km^2)	1970-73, 1975	11-06-74	1.8

WATER-QUALITY RECORDS

02361000 Choctawhatchee River near Newton, Ala.

LOCATION.--Lat 31°20'30", long 85°36'43", in SE¼ sec. 2, T. 4 N., R. 24 E., Dale County, at gaging station on left bank at downstream side on bridge on State Highway 123, 200 ft (61 m) downstream from abandoned milldam, 1,500 ft (457 m) upstream from Hurricane Creek, 0.8 mi (1.3 km) north of Newton, 1 mi (1.6 km) downstream from Atlantic Coast Line Railroad bridge, and at mile 133.0 (214.0 km).

DRAINAGE AREA.--683 mi^2 (1,769 km^2).

PERIOD OF RECORD.--Chemical analyses: March 1964 to September 1966, February 1972 to September 1975.
Water temperatures: March 1964 to September 1975.

EXTREMES.--1974-75.
Water temperatures: Maximum, 29.0° C July 10-11; minimum, 0.5° C Dec. 5-6.

Period of record:
Water temperatures (1964-1970, 1971-1975): Maximum, 36.0° C July 31, 1968; minimum, -1.0° C Jan. 10, 1970.

REMARKS.--Miscellaneous samples of chemical data published for water years 1969 and 1971.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT. 30...	228	5.2	470	28	8.7	1.0	2.7	1.2	32	0	1.2	3.2
NOV. 27...	398	7.3	2200	32	6.6	1.2	3.3	2.1	26	0	2.0	4.4
DEC. 17...	1210	7.3	460	70	5.1	1.2	2.2	1.3	18	0	2.6	3.2
FEB. 12...	947	16	760	11	6.2	1.1	2.2	.8	20	0	1.6	3.4
MAR. 26...	3560	6.7	580	0	4.3	.9	1.8	.9	15	0	1.4	2.4
MAY 01...	1330	7.1	660	5	6.0	1.1	2.2	1.1	23	0	1.0	4.0
JUNE 11...	2060	6.7	860	ND	4.6	.9	2.1	1.1	17	0	.6	3.0
JULY 23...	1840	6.4	770	ND	5.8	.9	1.9	.8	22	0	.4	3.0
AUG. 27...	757	6.9	500	7	6.1	1.1	2.3	1.2	26	0	.2	3.2

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT. 30...	.1	.20	40	28.9	26	0	.2	72	6.6	15.0	12.2	ND
NOV. 27...	.0	.11	42	43.0	21	0	.3	61	7.2	--	9.2	2
DEC. 17...	.0	.10	32	121	18	3	.2	46	7.1	--	--	<1
FEB. 12...	.0	.23	42	107	20	4	.2	63	6.6	12.0	9.6	ND
MAR. 26...	.0	.18	26	250	14	2	.2	37	7.0	16.5	9.4	4
MAY 01...	.0	.32	35	126	20	1	.2	54	7.0	21.0	8.6	<1
JUNE 11...	.0	.15	28	156	15	1	.2	41	6.6	24.0	7.9	<1
JULY 23...	.0	.19	31	154	18	0	.2	49	7.0	25.0	8.9	2
AUG. 27...	.0	.23	35	71.5	20	0	.2	57	7.1	--	8.4	1

02361000 Choctawhatchee River near Newton, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
30...	<1	ND	1	1	2	2	<.2	2	<1	29	4
NOV.											
27...	<1	<1	1	1	1	1	<.2	1	ND	53	11
DEC.											
17...	<1	1	1	1	1	1	<.2	2	ND	35	6
FEB.											
12...	<1	<1	2	4	ND	1	<.2	3	ND	52	14
MAR.											
26...	<1	<1	1	2	ND	1	ND	2	ND	130	ND
MAY											
01...	<1	ND	1	--	<1	--	<.2	--	--	43	9
JUNE											
11...	1	1	<1	--	4	--	.2	--	--	49	13
JULY											
23...	1	1	1	--	ND	--	.3	--	--	47	7
AUG.											
27...	1	<1	1	--	3	--	<.2	--	--	50	10

02361000 Choctawhatchee River near Newton, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	19.0	17.5	18.0	14.5	5.5	4.0	14.5	13.0	15.5	13.0	13.0	10.0
2	18.0	15.0	17.5	14.0	4.0	3.0	13.5	9.5	15.5	14.0	12.5	10.0
3	16.0	12.0	17.0	14.0	4.0	2.5	9.5	8.0	15.5	12.0	10.0	7.5
4	14.0	10.0	18.0	15.0	3.0	1.0	9.5	7.5	12.0	9.0	8.0	6.5
5	14.5	9.5	17.5	16.5	2.5	0.5	7.5	5.0	9.5	8.5	7.0	4.5
6	16.0	11.0	16.5	13.5	4.0	0.5	7.0	5.0	10.0	9.0	8.5	5.0
7	17.0	12.0	13.5	9.5	6.5	4.0	6.5	4.5	9.0	6.5	11.0	8.0
8	17.5	13.5	12.0	11.0	6.0	5.0	8.0	6.5	6.5	4.0	11.0	9.0
9	18.0	14.0	12.5	9.5	5.0	4.0	11.5	8.0	6.0	4.0	10.5	8.0
10	18.5	15.0	11.0	7.5	4.0	1.5	13.5	11.5	6.0	5.0	12.0	8.5
11	18.5	15.0	12.0	9.0	5.5	2.5	13.5	12.5	8.5	5.0	14.5	12.0
12	18.5	14.0	11.0	9.0	6.0	5.5	12.5	9.5	12.0	8.5	17.5	14.5
13	18.0	14.0	9.0	6.0	6.0	5.5	9.5	6.5	11.0	9.0	19.0	17.0
14	19.0	14.5	9.5	6.0	5.5	4.0	6.5	3.0	10.0	7.5	19.0	13.0
15	19.0	16.0	9.0	6.5	6.0	5.5	4.0	2.5	10.0	7.0	13.0	10.0
16	19.0	15.0	7.0	3.5	6.0	5.5	4.5	2.0	11.0	10.0	12.0	11.0
17	15.0	12.5	9.5	6.0	5.5	4.0	5.0	3.0	14.0	11.0	13.0	11.5
18	15.5	11.5	12.0	9.5	4.0	1.5	6.0	4.0	15.0	14.0	13.0	11.5
19	15.0	12.0	14.0	10.5	5.0	2.0	7.0	5.0	15.0	14.5	12.5	11.0
20	13.0	10.0	14.5	12.5	7.0	5.0	7.5	5.5	14.5	13.0	13.5	11.0
21	12.0	9.0	12.5	10.0	7.5	7.0	5.5	3.5	13.0	11.5	14.5	12.0
22	12.5	8.5	10.5	8.0	7.0	5.0	5.0	4.0	13.0	12.0	16.5	14.0
23	13.0	8.5	9.0	7.0	7.0	4.5	6.0	5.0	15.5	13.0	19.0	16.0
24	12.0	8.0	9.5	6.5	9.5	7.0	7.5	6.0	15.0	12.0	19.5	18.5
25	12.5	8.5	9.0	7.0	12.5	9.5	9.0	7.5	12.0	9.5	18.5	16.0
26	13.0	8.5	7.0	5.0	12.0	10.0	9.5	8.5	11.0	8.0	16.5	14.0
27	13.0	8.5	5.5	3.0	11.5	9.5	10.5	8.5	11.5	9.0	15.5	13.0
28	14.0	9.5	4.5	2.0	12.0	11.0	12.0	10.0	12.0	9.5	16.0	15.0
29	15.5	12.0	3.5	1.5	14.0	12.0	13.0	10.5	---	---	17.0	15.5
30	16.5	12.5	6.5	3.5	14.5	13.5	14.0	12.5	---	---	17.0	14.5
31	17.0	13.0	---	---	14.5	13.5	14.5	12.5	---	---	14.5	12.5
MONTH	19.0	8.0	18.0	1.5	14.5	0.5	14.5	2.0	15.5	4.0	19.5	4.5

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	14.5	11.5	22.5	21.0	24.0	22.5	26.5	24.5	23.0	22.0	27.0	25.0
2	17.5	14.5	23.0	20.5	24.0	23.0	27.0	25.0	24.0	23.0	28.0	25.5
3	17.5	15.0	23.0	21.5	24.0	23.0	27.0	25.5	25.0	24.0	28.0	25.5
4	15.0	12.5	22.5	20.5	24.0	22.5	27.0	24.0	25.0	24.0	28.0	25.0
5	14.0	10.0	22.5	19.0	25.0	23.0	27.0	25.0	25.0	24.0	27.5	24.5
6	13.0	10.5	20.0	17.5	26.5	24.5	28.0	25.0	24.0	23.5	27.5	25.0
7	13.0	10.5	20.0	18.5	27.0	24.0	28.0	26.5	24.5	23.5	25.0	24.0
8	13.0	12.0	20.0	18.0	27.0	25.0	27.0	25.5	24.5	24.0	25.5	23.0
9	15.0	12.5	21.5	19.0	25.0	24.0	27.0	25.0	25.0	23.5	26.0	24.0
10	15.5	15.0	22.0	20.5	24.0	22.0	29.0	26.5	25.0	24.0	26.0	24.5
11	16.0	15.0	22.5	20.0	24.0	23.0	29.0	25.5	24.5	24.0	26.0	24.0
12	16.0	14.5	23.0	20.5	23.5	22.5	26.0	24.5	24.5	24.0	26.0	24.5
13	15.0	13.5	24.0	21.0	23.5	23.0	26.5	24.5	25.5	24.5	26.0	24.5
14	14.0	12.0	23.5	21.5	24.0	23.0	26.5	24.5	25.5	25.0	25.0	22.5
15	13.0	11.5	23.0	21.5	24.0	23.0	25.5	24.0	25.5	25.0	24.0	21.5
16	14.0	11.5	23.0	21.5	23.5	22.0	25.5	24.0	26.5	25.5	22.5	20.5
17	15.0	12.5	22.5	21.0	23.5	23.0	25.0	23.0	27.0	26.5	22.5	21.0
18	18.0	15.0	23.0	21.0	24.0	22.5	25.5	23.5	27.5	26.5	22.0	20.5
19	20.0	17.5	23.0	21.0	26.0	24.0	25.5	24.0	28.0	27.0	23.0	20.0
20	19.5	18.0	24.0	21.0	27.5	25.0	26.0	25.0	28.0	27.0	23.5	22.0
21	19.0	16.5	24.0	22.0	27.0	23.5	25.5	24.5	28.0	26.0	23.5	22.5
22	18.0	15.0	25.5	22.0	25.0	23.0	24.5	24.0	27.0	25.0	22.5	22.0
23	18.5	15.5	26.0	23.0	25.0	23.0	26.5	24.5	27.0	25.5	22.0	20.0
24	18.0	16.5	27.0	23.5	25.0	23.5	26.5	25.5	28.0	26.0	20.0	18.0
25	19.5	17.5	27.5	24.0	25.0	23.5	26.0	25.0	28.0	26.5	18.0	16.5
26	21.0	19.0	27.0	22.5	25.0	24.0	26.5	25.0	28.0	25.5	17.0	15.5
27	23.0	20.0	25.5	21.5	24.0	23.0	27.0	25.5	28.0	26.5	16.5	14.0
28	22.5	20.5	26.0	23.0	24.5	23.5	27.0	26.0	28.0	26.5	17.5	15.5
29	23.0	21.5	26.0	24.0	26.0	23.0	26.0	25.0	27.0	25.5	17.5	17.0
30	23.0	21.0	24.5	23.0	26.5	24.0	25.0	23.0	27.0	25.0	19.0	17.5
31	---	---	23.5	22.5	---	---	23.0	22.0	26.5	24.5	---	---
MONTH	23.0	10.0	27.5	17.5	27.5	22.0	29.0	22.0	28.0	22.0	28.0	14.0

02363000 Pea River near Ariton, Ala.

LOCATION.--Lat 31°35'41", long 85°46'59", in SW¼ sec. 7, T. 7 N., R. 23 E., Dale County, at gaging station, on left bank at downstream side of abandoned bridge, and about 20 ft (6 m) upstream from bridge on U.S. Highway 231, 2.2 mi (3.5 km) downstream from Bryors Mill Creek, 2.8 mi (4.5 km) downstream from Atlantic Coast Line Railroad bridge, 3.5 mi (5.6 km) west of Ariton, and at mile 89.6 (144.2 km).

DRAINAGE AREA.--492 mi^2 (1,274 km^2).

PERIOD OF RECORD.--Chemical analyses: July 1972 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1964, 1965, and 1969.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
31...	65	7.4	720	79	7.5	1.3	2.3	1.4	26	0	1.8	3.6
NOV.												
27...	328	7.6	1600	25	4.6	1.0	2.0	1.7	12	0	3.6	5.2
DEC.												
17...	1213	6.6	450	80	4.2	.9	2.1	1.5	9	0	5.8	3.6
FEB.												
12...	529	7.1	500	52	5.8	1.1	2.3	.9	18	0	2.6	3.8
MAR.												
26...	1910	5.1	490	10	3.8	.8	1.9	1.2	15	0	2.0	2.6
APR.												
30...	510	6.8	640	30	6.6	1.2	2.4	1.1	24	0	1.4	3.4
JUNE												
11...	730	7.6	640	16	5.8	1.1	2.6	1.2	24	0	.6	3.8
JULY												
23...	380	7.6	530	21	6.3	1.1	2.2	.9	25	0	1.0	3.4
AUG.												
27...	285	8.3	880	61	8.1	1.4	2.6	1.2	34	0	.2	4.0

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
31...	.1	.05	39	6.84	24	3	.2	65	6.6	15.0	11.8	1
NOV.												
27...	.1	.09	32	28.3	16	6	.2	46	6.7	10.5	12.2	2
DEC.												
17...	.0	.08	29	95.0	14	7	.2	40	6.6	8.5	11.6	<1
FEB.												
12...	.0	.12	32	45.7	19	4	.2	60	6.5	11.5	9.6	ND
MAR.												
26...	.0	.07	25	129	13	1	.2	39	6.8	16.5	8.7	2
APR.												
30...	.0	.17	35	48.2	22	3	.2	56	6.7	22.0	7.4	<1
JUNE												
11...	.0	.17	36	71.0	19	0	.3	59	7.0	24.0	8.7	ND
JULY												
23...	.0	.17	35	35.9	20	0	.2	56	6.9	25.0	8.5	1
AUG.												
27...	.0	.16	44	33.9	26	0	.2	70	6.9	26.0	8.0	1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
31...	<1	ND	1	1	2	2	ND	2	ND	27	4
NOV.											
27...	1	ND	1	1	3	1	<.2	1	ND	60	7
DEC.											
17...	1	<1	1	1	1	1	<.2	2	ND	34	6
FEB.											
12...	<1	ND	2	2	ND	1	.3	4	ND	54	6
MAR.											
26...	<1	<1	1	1	ND	1	ND	2	ND	65	ND
APR.											
30...	<1	<1	1	--	<1	--	<.2	--	--	54	9
JUNE											
11...	1	1	<1	--	4	--	.3	--	--	65	21
JULY											
23...	<1	1	1	--	<1	--	.2	--	--	50	8
AUG.											
27...	1	ND	1	--	3	--	<.2	--	--	80	10

02371200 Indian Creek near Troy, Ala.

LOCATION.--Lat 31°48'50", long 86°07'15", in E½ sec. 26, T. 10 N., R. 19 E., Pike County, at gaging station at left downstream wingwall of culvert on U.S. Highway 29, 3.5 mi (5.7 km) upstream from mouth and 9 mi (14 km) west of Troy.

DRAINAGE AREA.--8.88 mi^2 (23.00 km^2).

PERIOD OF RECORD.--Water temperatures: December 1970 to September 1975.

EXTREMES.--1974-75.
Water temperatures: Minimum, 6.0° C Mar. 5.

Period of record:
Water temperatures (1971-73): Maximum, 28.0° C June 26, 1971; minimum (1971-73, 1974-75), 4.0° C Feb. 10, 1971.

REMARKS.--Miscellaneous samples of chemical data published for water years 1964, 1965, 1969, 1971, and 1972. No temperature data for July 3-Sept. 11, Sept. 18 because of recorder malfunction.

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	18.0	17.0	15.0	14.5	9.0	8.5	13.5	13.0	13.0	12.5	14.0	9.5
2	17.0	15.5	15.0	14.5	8.5	7.5	13.5	12.5	13.5	13.0	11.5	9.0
3	15.5	14.5	15.0	14.5	8.0	7.5	12.5	11.5	14.0	13.5	9.5	7.0
4	14.5	13.0	15.5	15.0	8.0	7.0	11.5	11.5	13.5	12.0	8.5	7.0
5	13.5	12.5	15.5	15.5	7.5	6.5	11.5	10.0	12.0	11.5	10.5	6.0
6	13.5	13.0	15.5	14.5	7.0	6.5	10.5	10.0	12.0	12.0	12.5	6.5
7	14.0	13.0	14.5	12.5	8.5	7.0	10.0	9.5	12.0	11.0	13.5	10.5
8	14.5	14.0	13.0	12.5	9.0	8.5	10.0	10.0	11.0	9.0	12.5	10.0
9	14.5	14.0	13.0	12.0	9.0	8.5	11.0	10.0	9.5	9.0	10.5	7.0
10	15.0	14.5	12.5	11.5	8.5	7.0	12.0	11.0	9.5	9.5	14.0	9.0
11	15.5	15.0	12.0	11.5	8.0	7.5	12.0	12.0	10.0	9.0	16.0	13.5
12	15.5	15.0	12.0	12.0	9.0	8.0	12.0	12.0	12.0	10.0	17.0	14.0
13	15.5	15.0	12.0	10.5	9.0	9.0	12.0	11.0	12.0	11.0	19.0	16.0
14	15.5	15.0	11.0	10.0	9.0	8.0	11.0	9.0	11.5	10.0	16.5	9.0
15	16.0	15.5	11.0	10.0	9.0	8.5	9.0	8.0	11.0	10.0	13.0	7.5
16	16.5	16.0	10.0	9.0	9.5	9.0	8.5	8.0	11.0	10.5	12.5	10.5
17	16.0	14.5	10.5	9.5	9.5	9.0	8.5	8.0	15.0	11.0	14.5	11.5
18	14.5	13.5	12.0	10.5	9.0	7.0	9.0	8.5	16.0	13.0	13.5	12.0
19	14.0	14.0	12.5	12.0	8.0	7.5	9.5	9.0	15.5	12.5	15.5	11.5
20	14.0	13.0	13.5	12.5	9.0	8.0	10.0	9.5	12.5	11.0	16.0	10.0
21	13.5	12.5	13.5	12.5	10.0	9.0	10.0	8.5	13.0	9.0	16.5	10.5
22	13.0	12.0	12.5	11.0	10.0	8.5	9.0	8.5	13.5	12.0	17.0	14.0
23	12.5	12.0	11.5	10.5	9.0	8.0	9.0	9.0	17.0	13.5	19.0	15.0
24	12.5	11.5	11.5	10.5	10.0	8.5	9.5	9.0	15.0	10.5	17.0	14.5
25	12.5	11.5	11.5	11.0	11.5	10.0	10.5	9.5	12.0	8.0	16.0	12.0
26	12.5	11.5	11.5	10.0	12.0	11.5	11.0	10.0	13.0	8.0	15.0	10.5
27	12.5	12.0	10.0	8.5	11.5	11.0	11.0	10.0	13.0	9.0	16.0	12.0
28	13.0	12.5	9.0	8.0	11.5	11.0	12.0	11.0	13.0	9.5	16.0	14.0
29	13.5	13.0	8.5	7.5	12.5	11.5	12.0	12.0	---	---	18.0	15.5
30	14.5	13.5	9.0	8.0	13.0	12.5	13.0	12.0	---	---	18.0	12.0
31	15.0	14.5	---	---	13.0	13.0	13.0	12.5	---	---	12.5	9.5
MONTH	18.0	11.5	15.5	7.5	13.0	6.5	13.5	8.0	17.0	8.0	19.0	6.0

02371200 Indian Creek near Troy, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	16.0	12.0	18.0	17.5	21.0	20.5	23.5	22.5	---	---	---	---
2	18.0	15.0	18.0	17.5	21.0	20.5	23.0	22.5	---	---	---	---
3	18.0	12.5	18.0	18.0	21.0	20.0	---	---	---	---	---	---
4	13.0	9.0	18.0	18.0	21.0	19.5	---	---	---	---	---	---
5	13.0	9.0	18.0	17.0	21.5	20.5	---	---	---	---	---	---
6	14.0	10.0	17.0	16.0	21.5	21.0	---	---	---	---	---	---
7	14.0	9.5	17.0	16.5	21.5	21.0	---	---	---	---	---	---
8	14.0	12.5	17.0	17.0	21.5	21.0	---	---	---	---	---	---
9	14.0	13.0	18.0	17.0	21.5	21.0	---	---	---	---	---	---
10	14.5	14.0	18.0	18.0	21.5	20.5	---	---	---	---	---	---
11	15.0	14.0	18.0	17.5	21.5	21.0	---	---	---	---	---	---
12	15.0	13.0	18.0	18.0	21.5	21.0	---	---	---	---	22.0	21.5
13	14.0	12.0	18.0	17.5	21.5	21.0	---	---	---	---	21.5	20.5
14	13.0	12.5	18.0	18.0	22.0	21.0	---	---	---	---	20.5	19.0
15	13.0	12.5	20.0	18.0	22.0	21.0	---	---	---	---	19.5	18.5
16	13.0	12.5	20.0	19.0	22.0	21.0	---	---	---	---	19.5	18.5
17	14.0	13.0	19.5	19.5	22.5	21.5	---	---	---	---	19.5	19.5
18	15.5	14.0	20.0	19.0	22.5	21.5	---	---	---	---	---	---
19	15.5	15.5	20.0	18.5	23.0	22.0	---	---	---	---	19.0	19.0
20	15.5	15.0	20.0	19.0	23.0	22.0	---	---	---	---	19.5	18.5
21	16.0	15.0	20.5	19.5	22.5	21.5	---	---	---	---	19.5	19.0
22	16.0	14.0	21.0	19.5	22.5	21.5	---	---	---	---	19.0	18.0
23	16.0	14.0	21.0	19.5	22.0	21.0	---	---	---	---	18.0	16.0
24	16.0	15.0	21.5	20.0	22.0	21.0	---	---	---	---	16.0	14.5
25	17.5	16.0	21.5	20.0	22.0	21.5	---	---	---	---	14.5	13.0
26	17.5	17.0	21.5	20.0	22.0	21.0	---	---	---	---	14.0	13.0
27	17.5	17.0	21.0	20.0	22.0	21.0	---	---	---	---	15.0	12.0
28	18.0	17.0	21.5	20.0	22.0	21.5	---	---	---	---	16.5	12.5
29	18.0	18.0	21.5	20.5	22.0	21.5	---	---	---	---	17.0	14.5
30	18.0	17.5	21.5	20.5	23.0	21.5	---	---	---	---	18.0	16.5
31	---	---	21.0	20.5	---	---	---	---	---	---	---	---
MONTH	18.0	9.0	21.5	16.0	23.0	19.5	---	---	---	---	---	---

02371500 Conecuh River at Brantley, Ala.

LOCATION.--Lat 31°34'24", long 86°15'06", in SE¼ sec. 16, T. 7 N., R. 18 E., Crenshaw County, at gaging station on left bank at downstream side of bridge on U.S. Highway 331 and State Highway 52, 0.5 mi (0.8 km) downstream from Moody Mill Creek, 0.8 mi (1.3 km) southeast of Brantley, and at mile 112.3 (180.7 km).

DRAINAGE AREA.--492 mi^2 (1,274 km^2).

PERIOD OF RECORD.--Chemical analyses: March 1964 to September 1968, February 1972 to September 1975. Water temperatures: March 1964 to September 1975.

EXTREMES.--1974-75.
Water temperatures: Maximum, 26.5° C Sept. 4; minimum, 7.0° C Dec.4-7.

Period of record:
Water temperatures (1964-1970, 1971-1975): Maximum, 29.0° C on several days in 1964, 1968, and 1969; minimum, 2.0° C Jan. 31, Feb. 1, 1966, Jan. 9-11, 1970.

REMARKS.--Miscellaneous samples of chemical data published for water years 1969 and 1971. No temperature data for Feb. 5-11 because of recorder malfunction.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
31...	81	8.3	720	82	16	1.5	3.3	1.6	59	0	2.2	3.6
NOV.												
27...	330	7.3	960	17	7.1	1.2	2.4	1.5	22	0	4.0	4.8
DEC.												
16...	690	7.9	450	75	7.3	1.4	2.5	1.6	25	0	4.6	4.2
FEB.												
13...	558	12	960	54	9.0	1.2	2.8	1.1	24	0	4.2	4.2
MAR.												
20...	6430	4.1	380	0	3.4	.7	1.9	1.1	11	0	3.0	3.2
APR.												
30...	582	7.2	640	53	8.2	1.2	2.6	1.2	32	0	1.8	3.2
JUNE												
11...	1010	6.0	700	--	6.4	.9	2.3	1.4	23	0	2.2	2.8
JULY												
28...	1100	5.4	530	18	6.0	.9	2.2	1.1	23	0	1.8	2.6
SEP.												
03...	230	8.0	430	77	11	1.4	2.7	1.2	44	0	1.2	3.8

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
31...	.1	.29	67	15.7	46	0	.2	118	7.5	16.5	12.0	1
NOV.												
27...	.0	.15	40	35.6	23	5	.2	63	6.8	11.0	11.2	2
DEC.												
16...	.0	.12	42	78.2	24	0	.2	76	7.2	10.0	11.2	1
FEB.												
13...	.0	.21	47	81.4	28	9	.2	74	6.5	11.0	9.5	2
MAR.												
20...	.0	.07	23	399	12	3	.2	32	6.4	15.5	9.0	1
APR.												
30...	.0	.32	43	67.6	26	0	.2	70	6.6	21.0	7.2	1
JUNE												
11...	.0	.17	34	92.7	20	1	.2	58	6.7	23.0	8.2	<1
JULY												
28...	.0	.27	32	95.0	19	0	.2	52	6.8	25.0	8.0	1
SEP.												
03...	.0	.36	53	32.9	34	0	.2	89	7.2	25.0	7.8	<1

02371500 Conecuh River at Brantley, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CD) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
31...	<1	<1	2	1	2	4	ND	2	ND	61	5
NOV.											
27...	<1	<1	1	1	3	2	.3	1	ND	72	9
DEC.											
16...	<1	<1	1	1	2	2	<.2	2	ND	58	8
FEB.											
13...	1	<1	2	2	<1	2	.4	4	ND	63	3
MAR.											
20...	1	<1	<1	3	<1	1	<.2	2	<1	41	6
APR.											
30...	<1	ND	1	--	<1	--	<.2	--	--	66	11
JUNE											
11...	1	1	<1	--	1	--	<.2	--	--	60	9
JULY											
28...	1	<1	1	--	3	--	.3	--	--	55	10
SEP.											
03...	<1	<1	1	--	<1	--	.2	--	--	70	10

02371500 Conecuh River at Brantley, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	21.0	20.0	18.0	17.0	9.5	8.5	15.0	15.0	15.5	15.0	14.0	13.5
2	20.0	19.0	18.5	17.0	8.5	8.0	15.0	14.5	16.0	15.5	14.0	13.5
3	19.0	18.0	18.5	17.0	8.0	7.5	14.5	14.0	16.0	16.0	13.5	12.0
4	18.0	16.5	18.5	17.5	7.5	7.0	14.0	13.0	16.0	14.5	12.0	11.0
5	17.0	15.5	18.5	18.0	7.0	7.0	13.0	12.0	---	---	11.0	10.5
6	17.0	15.5	18.0	16.0	7.0	7.0	12.0	11.5	---	---	11.0	10.5
7	17.0	15.5	16.0	14.5	8.0	7.0	11.5	11.0	---	---	11.5	11.0
8	18.0	16.0	15.5	15.0	8.5	8.0	11.0	11.0	---	---	12.0	11.5
9	18.0	16.5	15.5	14.0	9.0	8.5	12.0	11.0	---	---	12.0	12.0
10	18.0	16.5	14.5	13.5	9.0	8.0	14.0	12.0	---	---	12.5	12.0
11	19.0	17.5	14.0	13.5	8.5	8.0	14.5	14.0	---	---	13.5	12.5
12	19.0	17.5	14.0	13.0	9.0	8.5	14.5	13.0	11.5	11.5	15.0	13.5
13	19.0	17.5	13.0	12.0	9.5	9.0	13.0	10.0	12.0	11.5	16.5	15.0
14	18.5	17.5	12.5	11.5	9.5	9.0	10.0	8.5	12.0	12.0	17.0	15.5
15	19.5	18.5	12.0	11.0	10.0	9.5	8.5	8.0	12.0	12.0	15.5	13.5
16	19.5	17.5	11.0	10.0	10.0	9.5	8.0	8.0	13.5	12.0	14.0	13.5
17	17.5	16.5	12.0	10.5	9.5	9.0	8.5	8.0	15.0	13.5	14.0	13.5
18	17.0	16.0	12.5	12.0	9.0	8.0	8.5	8.5	16.0	15.0	14.0	14.0
19	17.0	16.0	13.5	12.5	8.5	8.0	9.5	8.5	16.0	15.5	14.0	13.5
20	16.5	15.5	14.5	13.5	9.0	8.5	10.0	9.5	15.5	15.0	15.0	14.0
21	15.5	14.5	14.5	13.5	9.5	9.0	9.5	9.0	15.0	14.5	15.0	14.5
22	15.0	14.0	14.0	13.0	9.5	9.0	9.0	9.0	14.5	14.5	16.5	15.0
23	15.0	14.0	13.0	12.5	9.5	9.0	9.5	9.0	15.5	14.5	18.5	16.5
24	15.0	13.5	12.5	12.0	11.5	9.5	10.0	9.5	15.5	14.5	19.0	18.5
25	14.5	13.5	12.5	12.0	13.0	11.5	11.0	10.0	14.5	13.0	19.0	17.5
26	15.0	13.5	12.0	11.0	13.0	12.5	11.5	11.0	13.0	12.5	18.0	16.0
27	15.0	13.5	11.0	10.0	12.5	12.0	12.0	11.5	13.5	13.0	16.5	15.5
28	15.5	14.5	10.5	9.5	13.0	12.5	13.0	12.0	13.5	13.0	17.0	16.5
29	16.5	15.0	9.5	9.0	14.0	13.0	14.0	13.0	---	---	18.5	17.0
30	17.5	16.0	9.5	9.0	14.5	14.0	15.0	14.0	---	---	18.5	16.0
31	18.0	16.5	---	---	15.0	14.5	15.0	15.0	---	---	16.0	14.0
MONTH	21.0	13.5	18.5	9.0	15.0	7.0	15.0	8.0	---	---	19.0	10.5

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	15.5	14.0	21.0	20.5	23.0	22.5	24.5	24.0	23.0	22.5	25.0	24.0
2	17.0	15.5	21.5	20.5	23.5	23.0	25.0	24.5	23.0	22.5	25.0	24.0
3	17.0	16.0	21.5	21.0	23.5	23.0	25.0	24.5	23.5	23.0	26.0	25.0
4	16.0	15.0	21.0	21.0	24.0	23.5	24.5	24.0	24.0	23.5	26.5	25.0
5	15.0	14.5	21.0	20.0	24.5	23.5	24.5	24.0	24.0	24.0	26.0	25.0
6	14.5	14.5	20.0	19.5	24.5	24.0	24.5	24.0	24.0	24.0	26.0	25.0
7	14.5	14.0	19.5	19.5	25.0	24.0	25.0	24.5	24.0	23.5	25.0	24.0
8	14.5	14.0	19.5	19.0	25.0	24.0	25.0	24.5	23.5	23.0	24.5	23.5
9	14.5	14.5	20.0	19.5	24.5	23.5	25.0	24.5	23.5	23.0	24.5	23.5
10	16.0	14.5	21.0	20.0	24.0	23.0	25.5	25.0	23.5	23.0	25.5	24.0
11	17.0	16.0	21.5	20.5	23.0	23.0	25.5	25.0	24.0	23.5	25.5	24.5
12	17.0	16.0	22.0	21.0	23.5	23.0	25.5	24.5	24.5	24.0	25.5	24.5
13	16.0	15.0	22.5	21.5	23.5	23.5	25.5	24.5	24.5	24.5	25.5	24.5
14	15.0	14.0	22.5	22.0	23.5	23.5	25.0	24.5	25.0	24.5	25.0	24.0
15	14.5	13.5	22.0	21.5	23.5	23.0	25.0	24.5	25.0	25.0	24.5	23.0
16	14.5	14.0	22.0	21.5	23.0	23.0	25.0	24.5	25.5	24.0	23.5	22.5
17	15.0	14.5	21.5	21.5	23.5	23.0	24.5	24.0	25.0	24.5	23.5	22.5
18	17.0	15.0	21.5	21.5	24.0	23.5	25.0	24.5	25.5	25.0	22.5	22.0
19	18.0	17.0	22.0	21.5	24.5	24.0	25.5	24.5	25.5	25.0	22.0	21.5
20	18.0	18.0	22.0	22.0	24.5	24.0	25.5	25.0	25.5	25.0	22.5	21.5
21	18.0	17.5	22.5	22.0	24.5	24.0	25.5	24.5	25.5	25.0	22.5	22.5
22	17.5	17.0	22.5	22.5	24.0	24.0	25.0	24.5	25.5	25.0	22.5	21.5
23	17.5	17.5	23.5	22.5	24.0	24.0	25.0	24.5	25.5	24.5	21.5	20.0
24	17.5	17.5	24.5	23.0	24.0	23.5	25.5	25.0	25.5	24.5	20.0	18.5
25	18.5	17.5	24.5	23.0	24.0	23.5	26.0	25.0	25.5	24.5	18.5	17.5
26	19.5	18.5	24.5	23.5	24.0	23.5	25.5	25.5	25.0	24.0	17.5	17.0
27	20.5	19.5	24.0	22.5	24.0	23.5	25.5	25.0	25.5	25.0	17.0	16.5
28	21.0	20.0	24.5	23.5	24.0	23.5	25.0	25.0	25.5	25.0	17.0	16.5
29	21.5	21.0	24.5	23.5	24.0	23.5	25.0	24.5	25.0	24.5	17.5	17.0
30	21.5	21.0	24.0	23.0	24.5	23.5	24.5	24.0	25.0	24.5	18.5	17.5
31	---	---	23.0	22.5	---	---	24.0	23.0	24.5	24.0	---	---
MONTH	21.5	13.5	24.5	19.0	25.0	22.5	26.0	23.0	25.5	22.5	26.5	16.5

02374500 Murder Creek near Evergreen, Ala.

LOCATION.--Lat 31°25'06", long 86°59'12", in NW¼ sec. 8, T. 5 N., R. 11 E., Conecuh County, at gaging station, on left bank 30 ft (9 m) upstream from bridge on U.S. Highway 31, 1 mi (1.6 km) upstream from Louisville & Nashville railroad bridge, and 2.5 mi (4.0 km) southwest of Evergreen.

DRAINAGE AREA.--170 mi^2 (440 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1970 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1964, 1965, and 1969.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
22...	153	7.5	0	92	4.4	.8	1.7	.5	16	0	.8	2.6
NOV.												
19...	323	7.6	540	88	4.3	.8	1.9	.9	16	0	1.4	3.2
DEC.												
18...	377	7.9	150	54	5.0	1.0	2.2	.9	15	0	3.4	3.6
JAN.												
15...	442	8.1	350	12	4.3	.7	1.8	.6	15	0	1.6	3.2
FEB.												
20...	902	7.4	380	59	3.6	.6	1.4	.6	10	0	2.2	2.4
MAR.												
26...	577	7.7	700	100	5.0	.8	1.7	.7	17	0	1.2	2.6
MAY												
01...	481	7.6	440	230	6.5	.8	1.9	.7	24	0	.2	3.6
JUNE												
12...	980	6.2	300	100	4.8	.5	2.0	.7	16	0	1.4	2.2
JULY												
25...	231	7.5	420	170	6.4	.8	2.1	.5	25	0	.2	3.2
AUG.												
29...	357	7.4	980	270	7.3	.9	1.9	.6	28	0	.2	3.0

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
22...	.0	.11	27	14.0	14	2	.2	44	6.8	14.0	9.7	1
NOV.												
19...	.0	.07	28	29.7	14	1	.2	39	6.8	15.0	9.0	1
DEC.												
18...	.0	.11	31	36.6	17	5	.2	46	6.9	6.0	11.1	1
JAN.												
15...	.0	.12	28	34.6	14	2	.2	41	6.7	5.0	11.8	2
FEB.												
20...	.0	.13	24	58.4	12	4	.2	34	6.1	13.0	8.7	NO
MAR.												
26...	.0	.41	30	46.7	16	2	.2	40	6.9	14.5	9.1	3
MAY												
01...	.0	.15	34	44.2	20	1	.2	53	6.8	20.0	7.8	NO
JUNE												
12...	.0	.08	26	68.8	14	1	.2	40	6.7	22.0	8.0	1
JULY												
25...	.0	.21	34	21.2	20	0	.2	51	6.8	24.0	8.1	1
AUG.												
29...	.0	.12	36	34.7	22	0	.2	60	6.8	24.0	7.8	<1

02374500 Murder Creek near Evergreen, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CD) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
22...	<1	<1	1	1	1	1	<.2	1	ND	37	8
NOV.											
19...	1	<1	1	1	2	1	<.2	1	<1	23	12
DEC.											
18...	<1	<1	2	2	2	1	<.2	2	ND	18	7
JAN.											
15...	<1	1	1	1	1	1	<.2	1	ND	38	8
FEB.											
20...	<1	<1	1	2	2	1	<.2	3	ND	26	8
MAR.											
26...	<1	<1	1	1	2	1	ND	2	ND	44	ND
MAY											
01...	<1	1	1	--	<1	--	<.2	--	--	57	9
JUNE											
12...	<1	1	1	--	1	--	.2	--	--	41	16
JULY											
25...	1	ND	1	1	1	2	<.2	1	ND	46	7
AUG.											
29...	<1	1	<1	--	1	--	.2	--	--	60	10

PERDIDO RIVER MAIN STEM

02376500 Perdido River at Barrineau Park, Fla.

LOCATION.--Lat 30°41'25", long 87°26'25", in NW¼ sec. 23, T. 4 S., R. 6 E., Baldwin County, Ala., at gaging station, on right bank 25 ft (7.6 m) downstream from county highway bridge, 1,000 ft (305 m) downstream from Alligator Creek, 0.5 mi (0.8 km) southwest of Barrineau Park, and 27 mi (43 km) upstream from mouth.

DRAINAGE AREA.--394 mi^2 (1,020 km^2).

PERIOD OF RECORD.--Chemical analyses: February 1972 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1967 and 1969.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	TOTAL ALUMINUM (AL) (UG/L)	TOTAL IRON (FE) (UG/L)	DISSOLVED IRON (FE) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	SUSPENDED MANGANESE (MN) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)
OCT.											
22...	360	7.0	--	--	120	--	--	32	1.1	.6	2.1
25...	338	8.0	60	420	80	7	7	0	2.0	.4	2.0
NOV.											
19...	517	7.6	--	--	180	--	--	44	1.2	.7	2.4
DEC.											
18...	696	8.3	--	--	70	--	--	55	1.2	.7	2.3
JAN.											
15...	878	7.7	--	--	150	--	--	2	1.2	.6	2.3
FEB.											
20...	1920	8.7	--	--	300	--	--	57	1.4	.2	2.2
MAR.											
27...	692	6.8	--	--	180	--	--	6	1.2	.6	2.1
MAY											
01...	850	7.4	--	--	180	--	--	0	.9	.5	2.3
27...	405	7.6	120	930	180	20	0	20	.7	.3	2.2
JUNE											
12...	619	7.9	--	--	260	--	--	13	.8	.4	2.4
JULY											
23...	520	7.5	--	--	290	--	--	15	.7	.5	2.2
AUG.											
29...	878	7.7	--	--	670	--	--	65	.8	.5	2.3
SEP.											
03...	640	7.9	140	2000	530	60	20	40	1.5	.5	2.6

DATE	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)
OCT.											
22...	.3	3	0	1.0	4.4	.0	--	.12	--	--	--
25...	.3	2	--	1.1	3.5	.1	.14	--	.00	.14	.01
NOV.											
19...	.5	4	0	1.8	3.6	.0	--	.14	--	--	--
DEC.											
18...	.6	3	0	3.6	3.6	.0	--	.09	--	--	--
JAN.											
15...	.6	1	0	3.0	4.0	.0	--	.07	--	--	--
FEB.											
20...	.6	0	0	3.2	4.2	.0	--	.06	--	--	--
MAR.											
27...	.6	3	0	2.0	4.4	.0	--	.05	--	--	--
MAY											
01...	.6	4	0	1.0	3.4	.0	--	.18	--	--	--
27...	.3	1	0	1.9	3.4	.0	.13	--	.01	.14	.01
JUNE											
12...	.4	3	0	.8	3.6	.0	--	.13	--	--	--
JULY											
23...	.3	3	0	.0	4.2	.0	--	.16	--	--	--
AUG.											
29...	.7	5	0	.0	3.6	.0	--	.12	--	--	--
SEP.											
03...	.6	3	0	.4	3.9	.1	.14	--	.01	.15	.02

02376500 Perdido River at Barrineau Park, Fla.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO
OCT.											
22...	--	--	--	--	--	18	17.5	--	5	3	.4
25...	.08	.09	.23	.03	.02	19	22.8	7	7	5	.3
NOV.											
19...	--	--	--	--	--	20	29.3	--	6	3	.4
DEC.											
18...	--	--	--	--	--	22	47.0	--	6	4	.4
JAN.											
15...	--	--	--	--	--	20	66.4	--	6	5	.4
FEB.											
20...	--	--	--	--	--	21	109	--	5	5	.5
MAR.											
27...	--	--	--	--	--	19	35.5	--	6	4	.4
MAY											
01...	--	--	--	--	--	19	43.6	--	4	1	.5
27...	.23	.24	.38	.04	.03	17	36.1	11	3	2	.6
JUNE											
12...	--	--	--	--	--	19	31.8	--	4	2	.5
JULY											
23...	--	--	--	--	--	17	23.9	--	4	2	.5
AUG.											
29...	--	--	--	--	--	18	42.7	--	4	0	.5
SEP.											
03...	.31	.33	.48	.03	.03	20	44.9	13	6	3	.5

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL CARBON (C) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	TOTAL INORGANIC CARBON (C) (MG/L)
OCT.										
22...	24	5.9	16.5	--	--	10.2	--	--	--	--
25...	21	5.7	15.0	10	6	9.2	.6	4.0	3.0	1.0
NOV.										
19...	23	5.7	17.0	--	--	10.3	--	--	--	--
DEC.										
18...	27	5.4	9.5	--	--	10.0	--	--	--	--
JAN.										
15...	31	4.9	8.0	--	--	10.2	--	--	--	--
FEB.										
20...	25	4.3	15.5	--	--	7.9	--	--	--	--
MAR.										
27...	22	5.8	15.5	--	--	8.6	--	--	--	--
MAY										
01...	24	5.3	21.0	--	--	8.8	--	--	--	--
27...	24	5.8	23.5	43	8	7.9	.4	5.0	4.0	1.0
JUNE										
12...	23	5.5	23.0	--	--	8.9	--	--	--	--
JULY										
23...	24	5.0	23.0	--	--	9.6	--	--	--	--
AUG.										
29...	21	4.9	23.0	--	--	8.7	--	--	--	--
SEP.										
03...	25	5.6	25.0	80	9	7.5	2.0	7.0	7.0	.0

02376500 Perdido River at Barrineau Park, Fla.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)
OCT.									
22...	--	1	--	<1	ND	1	1	--	--
25...	1	--	0	--	--	--	1	1	1
NOV.									
19...	--	1	--	2	<1	2	1	--	--
DEC.									
18...	--	ND	--	<1	<1	2	2	--	--
JAN.									
15...	--	1	--	<1	1	1	1	--	--
FEB.									
20...	--	ND	--	<1	<1	1	2	--	--
MAR.									
27...	--	3	--	<1	ND	1	2	--	--
MAY									
01...	--	ND	--	<1	1	1	--	--	--
27...	1	--	0	--	--	--	3	5	5
JUNE									
12...	--	2	--	<1	1	1	--	--	--
JULY									
23...	--	<1	--	1	2	1	--	--	--
AUG.									
29...	--	ND	--	1	1	1	--	--	--
SEP.									
03...	0	--	0	--	--	--	1	8	1

DATE	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.									
22...	1	1	--	<.2	--	2	ND	17	9
25...	0	--	.0	--	0	--	--	40	0
NOV.									
19...	1	1	--	<.2	--	1	ND	12	5
DEC.									
18...	1	1	--	<.2	--	2	ND	17	9
JAN.									
15...	2	1	--	<.2	--	2	ND	39	9
FEB.									
20...	2	1	--	.2	--	3	ND	19	11
MAR.									
27...	<1	1	--	ND	--	1	ND	18	ND
MAY									
01...	<1	--	--	<.2	--	--	--	50	11
27...	0	--	.2	--	1	--	--	20	6
JUNE									
12...	1	--	--	.2	--	--	--	39	15
JULY									
23...	ND	--	--	.2	--	--	--	44	11
AUG.									
29...	1	--	--	.3	--	--	--	40	10
SEP.									
03...	7	--	.3	--	0	--	--	0	10

02400500 Coosa River at Gadsden, Ala.

LOCATION.--Lat 34°00'37", long 85°59'52", in NE¼ sec. 10, T. 12 S., R. 6 E., Etowah County, at gaging station near midstream pier of Etowah County Memorial Bridge on Forrest Avenue in Gadsden, 450 ft (140 m) downstream from Louisville & Nashville Railroad bridge, 1.5 mi (2.4 km) upstream from Big Wills Creek, and at mile 174.8 (281.2 km).

DRAINAGE AREA.--5,800 mi^2 (15,000 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: Water years 1966-67 (partial-record station), August 1969 to September 1973.
Water temperatures: October 1962 to September 1975.

EXTREMES.--1974-75.

Period of record:
Water temperatures: (1962-71, 1972-73): Maximum, 31.5° C July 11, 12, 1970; minimum (1962-71, 1973-74) 2.0° C on several days in 1963, 1964 and 1970.

REMARKS.--Miscellaneous samples of chemical data published for water year 1965. No temperature data for some days because of recorder malfunction.

TEMPERATURE (DEG. C) OF WATER . WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	21.0	21.0	---	---	9.0	8.5	11.5	10.5	12.5	12.0	11.5	11.0
2	21.0	20.5	---	---	8.5	7.5	11.5	11.0	12.5	12.5	11.0	10.5
3	20.5	20.5	19.0	18.0	---	---	11.5	10.5	12.5	12.0	10.5	10.0
4	20.5	20.5	19.0	18.0	---	---	10.5	10.0	12.5	11.0	---	---
5	20.5	20.0	19.0	19.0	---	---	10.5	10.0	11.0	10.0	---	---
6	20.0	20.0	---	---	---	---	10.0	9.5	10.0	9.5	---	---
7	20.0	19.5	---	---	---	---	9.5	9.0	9.5	8.5	---	---
8	19.5	19.0	16.0	16.0	---	---	9.5	9.0	8.5	8.0	---	---
9	19.0	18.0	16.0	16.0	---	---	9.5	9.0	8.0	7.5	---	---
10	18.0	18.0	16.0	16.0	---	---	---	---	7.5	7.0	---	---
11	18.0	18.0	16.0	15.0	---	---	---	---	8.0	7.5	---	---
12	18.0	18.0	15.0	15.0	---	---	---	---	8.5	8.0	---	---
13	18.0	18.0	15.0	14.0	---	---	---	---	8.5	8.0	10.5	10.0
14	18.5	18.0	14.0	13.0	---	---	---	---	9.0	8.5	10.5	10.0
15	18.5	18.5	13.0	13.0	---	---	---	---	---	---	10.5	10.5
16	18.5	18.0	13.0	12.5	---	---	---	---	---	---	10.5	10.0
17	18.0	17.5	13.0	12.5	7.5	7.0	---	---	---	---	11.0	10.5
18	18.0	18.0	13.0	13.0	7.5	7.0	---	---	11.5	11.0	11.0	11.0
19	18.0	18.0	13.0	13.0	7.5	7.0	---	---	12.0	11.5	11.0	11.0
20	18.0	17.5	14.0	13.0	7.0	7.0	8.0	7.5	11.5	11.5	11.0	10.5
21	---	---	---	---	7.5	7.0	8.0	7.0	11.5	11.5	11.5	11.0
22	---	---	---	---	8.0	7.0	7.5	7.0	11.5	11.5	12.5	11.5
23	---	---	---	---	8.0	7.5	7.5	7.0	11.5	11.5	13.0	12.5
24	16.0	15.5	---	---	8.0	7.5	7.5	7.0	11.5	11.0	14.0	13.0
25	15.5	15.5	11.0	11.0	9.0	8.0	9.5	7.5	11.0	10.5	14.0	14.0
26	15.5	15.5	11.0	10.0	8.5	8.5	9.0	8.0	10.5	10.5	14.5	14.0
27	15.5	15.5	10.0	10.0	9.0	8.5	9.5	9.0	11.0	10.5	14.0	13.5
28	16.0	15.5	10.0	10.0	9.0	8.5	10.0	9.5	11.5	11.0	14.5	14.0
29	16.0	16.0	10.0	9.0	10.0	9.0	11.0	10.0	---	---	14.5	14.0
30	16.5	16.0	9.0	9.0	10.0	10.0	11.5	11.0	---	---	14.5	14.0
31	---	---	---	---	10.5	10.0	12.0	11.5	---	---	14.0	14.0
MONTH	21.0	15.5	---	---	---	---	---	---	12.5	7.0	---	---

02400500 Coosa River at Gadsden, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	14.0	13.5	21.5	21.0	25.0	24.5	28.5	28.0	---	---	29.5	29.0
2	14.0	13.5	22.0	21.0	25.5	24.5	28.5	28.5	---	---	30.0	29.0
3	15.0	14.0	21.5	21.0	25.5	24.5	28.5	28.0	---	---	30.0	29.0
4	15.0	13.5	21.5	21.0	26.0	25.0	28.0	28.0	---	---	29.5	28.5
5	13.5	13.0	22.0	21.5	26.0	25.5	29.0	28.0	---	---	29.0	28.5
6	13.0	13.0	22.0	21.5	25.5	25.0	28.5	28.5	---	---	29.0	29.0
7	13.5	13.0	21.5	21.0	26.0	25.0	28.5	27.5	---	---	29.0	29.0
8	14.0	13.5	21.0	21.0	26.0	25.5	27.5	26.0	---	---	29.0	28.5
9	14.0	13.5	21.5	20.5	26.0	26.0	28.0	27.0	---	---	29.0	28.0
10	14.0	14.0	22.0	21.0	26.0	25.5	27.5	26.0	---	---	28.5	28.0
11	14.5	14.0	23.0	22.0	26.0	25.5	27.5	26.0	---	---	28.5	28.0
12	14.5	14.5	23.0	22.0	25.5	25.5	28.0	26.5	---	---	28.0	27.5
13	15.0	14.5	23.5	22.5	26.0	25.5	28.0	27.0	---	---	27.5	27.0
14	15.0	14.5	23.0	22.5	26.0	25.5	28.0	27.0	---	---	27.0	26.5
15	15.0	14.5	23.0	22.5	26.0	25.5	28.5	27.5	27.5	26.0	27.0	26.0
16	15.0	14.5	23.0	22.5	26.0	25.5	28.5	27.5	27.5	26.5	26.0	25.0
17	15.0	15.0	23.0	22.5	26.5	26.0	28.5	27.5	28.0	27.0	25.0	24.0
18	16.0	15.0	23.0	22.5	26.5	26.0	29.0	28.0	28.0	27.0	24.5	24.0
19	16.0	16.0	23.5	22.5	27.5	26.0	28.5	28.0	28.5	27.5	24.5	24.0
20	16.0	16.0	23.5	23.0	28.0	27.0	28.0	28.0	28.0	27.5	24.0	24.0
21	17.0	16.0	24.0	23.0	28.0	27.0	28.5	27.5	28.0	27.5	24.5	24.0
22	17.5	16.5	24.5	23.5	28.5	27.5	28.5	28.0	28.5	28.0	24.5	23.5
23	18.0	17.0	25.0	24.0	28.5	27.5	29.5	28.0	28.0	28.0	23.5	22.0
24	18.5	17.5	25.0	24.5	29.0	28.0	29.0	28.0	28.5	28.0	22.0	19.5
25	19.0	18.0	25.0	24.5	29.0	27.5	---	---	29.5	28.0	20.0	19.5
26	18.5	18.5	26.0	25.0	28.0	27.5	---	---	29.5	28.5	19.5	18.5
27	20.0	18.5	26.0	25.0	28.0	27.5	---	---	30.0	29.0	18.5	18.0
28	21.0	19.5	26.0	25.0	28.0	27.5	---	---	30.0	29.0	18.0	18.0
29	21.0	20.5	26.5	25.5	28.0	27.5	---	---	30.0	29.5	18.5	18.0
30	21.0	20.5	26.0	25.5	28.5	27.5	---	---	30.0	29.0	19.0	18.0
31	---	---	25.5	25.0	---	---	---	---	30.0	29.0	---	---
MONTH	21.0	13.0	26.5	20.5	29.0	24.5	---	---	---	---	30.0	18.0

02401000 Big Wills Creek near Crudup, Ala.

LOCATION.--Lat 34°05'53", long 86°02'17", in SE¼ sec. 6, T. 11 S., R. 6 E., Etowah County, at gaging station, near right bank on upstream side of bridge on county road, 1 mi (1.6 km) upstream from Fisher Creek, 2 mi (3.2 km) west of Crudup, and at mile 25.0 (40.2 km).

DRAINAGE AREA.--185 mi^2 (479 km^2).

PERIOD OF RECORD.--Chemical analyses: August 1972 to June 1973, March to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1965, 1966, and 1967.

CHEMICAL ANALYSES, MARCH TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
MAR.												
12...	977	4.2	0	37	23	4.6	2.2	1.4	95	0	7.6	3.0
APR.												
23...	271	4.9	40	15	33	7.1	2.4	.9	130	0	4.4	2.8
MAY												
28...	162	6.5	20	1	34	8.4	3.4	1.4	140	0	4.8	3.8
JULY												
02...	125	6.2	0	ND	32	8.1	2.8	2.0	130	0	5.8	4.4
SEP.												
12...	151	6.6	30	ND	33	9.8	4.8	1.6	150	0	5.0	3.2

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
MAR.												
12...	.1	.10	94	248	77	8	.1	174	7.8	11.0	10.5	<1
APR.												
23...	.0	.43	122	89.3	110	4	.1	220	8.0	16.0	11.6	2
MAY												
28...	.0	.86	135	59.0	120	6	.1	251	7.4	21.0	8.5	ND
JULY												
02...	.0	.61	128	43.2	110	4	.1	248	7.4	22.0	7.9	2
SEP.												
12...	.0	.36	140	57.1	120	0	.2	329	7.8	22.5	7.8	1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
MAR.											
12...	<1	ND	2	<1	1	6	<.2	4	ND	76	10
APR.											
23...	<1	ND	1	--	1	6	<.2	--	--	57	11
MAY											
28...	<1	<1	1	--	<1	--	<.2	--	--	76	15
JULY											
02...	<1	ND	1	--	1	--	<.2	--	--	70	34
SEP.											
12...	<1	<1	1	--	<1	--	.2	--	--	90	30

02401390 Big Canoe Creek at Ashville, Ala.

LOCATION.--Lat 33°50'23", long 86°15'46", in SW¼SE¼ sec. 6, T. 14 S., R. 4 E., St. Clair County, at gaging station, on downstream side of bridge on U.S. Highway 231, 0.5 mi (0.8 km) west-northwest of Ashville, and 1.7 mi (2.7 km) downstream from Muckleroy Creek.

DRAINAGE AREA.--148 mi^2 (383 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1970 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1966, 1967, and 1968.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
OCT.												
15...	23	--	--	--	--	--	--	--	130	0	--	3.6
23...	27	5.6	10	43	28	7.4	2.2	2.2	120	0	5.0	2.8
NOV.												
21...	184	8.5	200	36	23	6.3	2.5	2.2	97	0	8.8	2.8
DEC.												
19...	79	4.1	0	80	25	6.0	2.4	1.2	98	0	8.8	3.0
FEB.												
06...	1750	7.5	20	8	14	2.7	1.4	.9	42	0	6.4	3.8
MAR.												
12...	110	4.1	220	37	22	4.6	2.4	1.0	75	0	15	2.6
APR.												
23...	101	4.8	50	--	27	5.6	1.9	1.0	100	0	9.2	2.6
MAY												
28...	70	5.7	100	37	31	6.2	2.3	1.2	120	0	4.8	2.4
JULY												
02...	44	5.9	20	30	32	6.7	1.9	.8	130	0	3.8	1.8
SEP.												
12...	110	5.3	90	ND	22	4.9	1.8	2.4	89	0	5.2	2.8

DATE	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DIS-SOLVED OXYGEN (MG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)
OCT.												
15...	--	--	--	--	120	14	--	240	6.8	17.0	--	--
23...	.0	.02	112	8.31	100	2	.1	215	7.8	11.0	10.6	1
NOV.												
21...	.0	.07	102	50.7	84	5	.1	184	7.6	13.5	9.5	ND
DEC.												
19...	.0	.13	99	25.2	87	7	.1	185	7.2	5.5	--	1
FEB.												
06...	.0	.20	59	274	46	12	.1	95	7.1	10.0	10.0	ND
MAR.												
12...	.1	.30	90	26.7	74	13	.1	164	7.4	11.0	10.2	2
APR.												
23...	.0	.18	104	28.4	91	9	.1	176	7.8	16.0	9.9	1
MAY												
28...	.0	.63	115	21.7	100	2	.1	224	6.9	23.5	8.6	1
JULY												
02...	.0	.22	118	14.0	110	4	.1	255	7.4	25.0	7.2	2
SEP.												
12...	.0	.21	89	26.4	75	20	.1	212	7.6	24.5	6.9	1

02401390 Big Canoe Creek at Ashville, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
15...	--	--	--	--	--	--	--	--	--	--	--
23...	1	1	1	3	3	7	<.2	2	<1	84	11
NOV.											
21...	1	ND	1	1	2	5	.2	2	ND	74	10
DEC.											
19...	1	ND	1	1	ND	6	<.2	3	ND	90	8
FEB.											
06...	<1	ND	2	2	ND	3	<.2	1	ND	70	4
MAR.											
12...	<1	1	2	1	1	5	1.0	3	ND	95	9
APR.											
23...	<1	ND	2	--	1	5	<.2	--	--	58	10
MAY											
28...	<1	1	1	--	ND	--	.2	--	--	87	12
JULY											
02...	<1	ND	1	--	1	--	<.2	--	--	84	24
SEP.											
12...	<1	ND	1	--	ND	--	<.2	--	--	80	30

02407000 Coosa River at Childersburg, Ala.

LOCATION.--Lat 33°17'30", long 86°21'50", in NE¼ sec. 18, T. 20 S., R. 3 E., Shelby County, at gaging station near right bank on downstream side of Central of Georgia Railway bridge, 700 ft (213 m) upstream from bridge on State Highway 38, 0.5 mi (0.8 km) downstream from Tallasseehatchee Creek, 1 mi (1.6 km) northwest of Childersburg, and at mile 86.3 (138.8 km).

DRAINAGE AREA.--8,390 mi^2 (21,700 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: Water years 1965-68 (partial-record station), August 1969 to September 1973, September 1974 to September 1975.
Water temperatures: October 1962 to September 1975.

EXTREMES.--1974--75.
Water temperatures: Maximum, 32.0° C Aug. 24; minimum, 8.0° C Jan. 23-25.

Period of record:
Water temperatures: Maximum, 36.0° C July 6, 1969; minimum (1962-72, 1973-75), 3.0° C Jan. 28-30, 1963.

REMARKS.--Miscellaneous samples of chemical data published for water year 1965. Streamflow regulated by upstream reservoirs and hydroelectric plants.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
23...	10200	6.2	10	45	18	3.9	14	2.6	80	0	9.8	15
NOV.												
21...	10800	6.2	90	94	16	5.6	17	3.1	80	0	10	19
DEC.												
18...	36400	6.3	10	72	13	5.8	9.6	2.7	71	0	13	7.6
FEB.												
06...	50100	7.1	60	21	8.9	2.8	3.0	1.5	35	0	6.6	2.6
MAR.												
13...	30900	6.2	30	41	12	4.8	5.7	1.2	58	0	6.0	5.8
APR.												
23...	40260	5.9	120	--	12	4.7	6.2	1.5	57	0	7.0	7.8
JUNE												
16...	11400	5.1	60	1	16	6.0	6.6	1.6	76	0	8.2	6.8
JULY												
21...	800	3.4	80	<1	15	5.4	6.6	1.5	70	0	8.0	6.4

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
23...	.0	.19	109	3030	72	7	.8	192	7.7	18.0	8.3	1
NOV.												
21...	.1	.17	117	3410	63	0	.9	211	7.5	15.0	6.6	<1
DEC.												
18...	.1	.09	94	10600	57	0	.6	167	7.6	8.0	9.4	1
FEB.												
06...	.0	.32	51	7710	34	6	.2	84	7.2	11.0	10.6	4
MAR.												
13...	.1	.20	72	6010	50	3	.4	137	7.5	--	10.2	2
APR.												
23...	.0	.19	74	8040	50	4	.4	131	7.1	17.0	9.9	1
JUNE												
16...	.0	.16	89	2740	65	3	.4	154	7.4	24.0	5.8	<1
JULY												
21...	.0	.14	81	175	60	3	.4	154	7.4	27.0	6.0	<1

02407000 Coosa River at Childersburg, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
23...	<1	ND	1	2	<1	5	<.2	3	<1	57	9
NOV.											
21...	1	ND	1	2	2	5	<.2	2	ND	70	11
DEC.											
18...	1	ND	1	2	3	4	<.2	3	ND	21	10
FEB.											
06...	<1	<1	2	3	1	2	<.2	3	<1	64	5
MAR.											
13...	<1	ND	2	2	ND	3	ND	6	ND	70	6
APR.											
23...	<1	ND	2	3	1	3	<.2	1	ND	69	11
JUNE											
16...	<1	<1	1	--	1	--	<.2	--	--	61	14
JULY											
21...	<1	ND	1	--	ND	--	<.2	--	--	56	10

02407000 Coosa River at Childersburg, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	23.0	23.0	18.0	18.0	14.0	12.0	10.0	10.0	11.0	10.5	12.0	11.5
2	23.0	22.5	18.0	17.0	12.5	12.0	10.5	10.0	11.5	11.0	11.5	11.5
3	22.5	21.0	17.5	17.0	12.0	12.0	10.5	10.5	11.5	11.5	11.5	11.5
4	21.0	20.0	17.0	17.0	12.0	12.0	10.5	10.5	11.5	11.5	11.5	11.0
5	20.5	20.0	17.0	17.0	12.0	11.5	10.5	10.5	11.5	11.5	11.0	10.5
6	20.5	20.0	17.0	17.0	11.5	11.5	10.5	10.5	11.5	11.5	11.0	10.5
7	20.5	20.0	17.0	16.5	11.5	11.0	10.5	10.0	11.5	10.5	10.5	10.5
8	21.0	20.0	16.5	16.5	11.0	11.0	10.5	10.5	10.5	10.0	10.5	10.5
9	21.0	20.5	16.5	15.5	11.0	10.5	10.5	10.5	10.0	10.0	11.0	10.5
10	21.0	20.0	15.5	15.5	10.5	10.0	11.0	10.5	10.0	9.5	11.0	10.5
11	21.5	21.0	15.5	15.5	10.0	10.0	11.0	11.0	9.5	9.0	10.5	10.5
12	21.0	20.0	15.5	15.5	10.0	10.0	11.0	11.0	9.0	9.0	11.0	10.5
13	20.0	20.0	17.0	15.5	10.0	10.0	11.0	11.0	9.0	9.0	11.0	11.0
14	20.5	19.5	17.0	16.5	10.0	9.5	11.0	10.5	9.0	9.0	11.0	11.0
15	20.5	20.0	16.5	16.0	9.5	9.5	10.5	10.0	9.0	9.0	11.0	11.0
16	20.0	19.5	16.0	16.0	10.0	9.5	10.0	10.0	10.0	9.0	11.0	11.0
17	19.5	19.0	16.0	16.0	10.0	9.5	10.0	9.5	10.0	10.0	11.0	11.0
18	19.0	19.0	16.0	15.5	9.5	9.5	9.5	9.5	10.0	10.0	11.0	11.0
19	19.0	19.0	16.0	16.0	9.5	8.5	10.0	9.5	10.5	10.0	11.0	11.0
20	19.0	19.0	16.0	16.0	8.5	8.5	10.0	10.0	11.0	10.5	11.5	11.0
21	19.0	18.5	16.0	16.0	8.5	8.5	10.0	9.0	11.0	11.0	11.5	11.5
22	19.0	18.5	16.0	16.0	9.0	8.5	9.0	9.0	11.0	11.0	12.0	11.5
23	18.5	18.5	16.0	16.0	9.5	9.0	9.0	8.0	11.5	11.0	12.5	12.0
24	18.5	18.0	16.0	16.0	10.0	9.5	8.0	8.0	11.5	11.5	13.5	12.5
25	18.0	18.0	16.0	16.0	10.0	9.0	9.0	8.0	11.5	11.5	14.0	13.5
26	18.0	18.0	16.0	15.5	9.5	9.0	9.0	9.0	11.5	11.5	14.0	14.0
27	18.0	18.0	15.5	15.0	9.0	9.0	9.0	9.0	11.5	11.5	14.0	14.0
28	18.0	17.5	15.0	14.5	9.5	9.0	9.5	9.0	11.5	11.5	14.0	14.0
29	18.0	17.5	14.5	14.0	10.0	9.5	10.0	9.5	---	---	14.5	14.0
30	17.5	17.5	14.0	14.0	10.0	9.5	10.0	10.0	---	---	14.5	14.5
31	18.0	17.5	---	---	10.0	10.0	10.5	10.0	---	---	14.5	14.5
MONTH	23.0	17.5	18.0	14.0	14.0	8.5	11.0	8.0	11.5	9.0	14.5	10.5

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	14.5	14.5	19.0	18.5	25.5	24.0	27.5	26.0	27.0	25.5	29.5	26.5
2	14.5	14.5	20.0	19.0	26.0	22.5	27.5	26.5	27.0	24.0	28.0	26.5
3	14.5	14.5	20.0	20.0	26.0	23.5	27.0	25.5	25.5	23.5	29.0	26.0
4	14.5	14.5	21.0	20.0	25.5	23.5	29.5	26.5	26.5	24.5	28.5	27.5
5	14.5	14.0	21.0	20.0	25.5	24.5	29.0	28.0	26.5	25.0	28.0	27.0
6	14.0	14.0	20.0	19.0	25.0	23.5	29.0	28.0	26.5	25.5	28.0	27.5
7	14.0	14.0	20.0	19.5	25.5	24.0	28.0	23.5	27.0	24.5	28.0	26.5
8	14.0	14.0	20.0	19.5	25.5	24.5	27.0	23.5	27.5	25.0	26.5	23.5
9	14.0	14.0	21.0	20.0	25.5	24.0	27.0	23.5	27.0	25.0	27.5	25.5
10	14.0	14.0	21.5	20.5	26.0	23.5	27.0	24.5	27.0	25.5	28.0	26.5
11	14.5	14.0	21.5	21.0	25.5	24.0	27.0	24.0	27.0	26.5	27.5	26.5
12	14.5	14.5	22.0	21.5	25.5	24.0	26.5	24.5	27.0	26.5	27.5	26.0
13	14.5	14.5	22.5	21.0	26.5	24.5	27.0	24.5	27.5	25.5	27.0	24.0
14	14.5	14.5	22.0	21.0	26.5	24.0	26.0	24.0	27.5	26.0	26.5	25.5
15	14.5	14.0	22.0	21.0	26.0	24.5	26.5	24.5	27.5	26.0	26.5	24.0
16	15.0	14.5	22.0	21.0	26.5	24.5	27.0	25.5	27.5	26.0	26.5	25.0
17	15.0	15.0	22.0	21.0	26.5	25.0	27.0	24.5	27.5	26.0	26.0	25.0
18	15.0	15.0	22.5	21.0	26.5	24.5	27.0	24.5	27.5	26.5	26.0	25.0
19	15.5	15.0	23.0	21.5	26.5	25.5	27.5	25.5	27.5	26.0	26.0	24.0
20	16.0	15.5	23.0	21.5	27.5	25.5	28.0	26.5	28.0	25.5	26.0	25.0
21	17.0	16.0	23.5	22.0	27.5	25.5	27.5	24.5	28.0	26.0	25.5	25.0
22	17.0	17.0	23.5	22.0	27.0	26.5	27.0	25.0	28.0	26.5	25.0	24.0
23	17.0	17.0	24.0	23.0	27.0	27.0	27.0	26.0	29.5	27.5	24.5	22.5
24	17.0	17.0	24.5	23.5	27.0	25.0	27.0	25.5	32.0	28.0	23.0	22.0
25	17.0	17.0	26.0	24.0	27.5	25.0	27.0	25.5	31.0	26.0	22.0	21.0
26	18.0	17.0	26.0	23.5	27.0	26.0	27.0	24.0	28.0	27.0	21.0	20.0
27	18.5	18.0	25.5	23.0	26.5	25.0	27.5	25.0	29.0	26.5	20.0	19.5
28	19.0	18.5	26.0	24.5	27.0	25.0	28.0	25.5	28.5	28.0	19.5	19.0
29	19.0	18.5	25.5	23.0	27.0	26.5	28.0	26.5	28.5	26.5	19.0	19.0
30	18.5	18.5	25.5	23.0	27.0	25.0	27.5	25.5	28.0	26.5	19.5	18.5
31	---	---	24.5	23.0	---	---	27.0	25.5	29.5	27.5	---	---
MONTH	19.0	14.0	26.0	18.5	27.5	22.5	29.5	23.5	32.0	23.5	29.5	18.5

02408500 Hatchet Creek near Rockford, Ala.

LOCATION.--Lat 32°56'42", long 86°13'06", in NW¼ sec. 31, T. 23 N., R. 19 E., Coosa County, at gaging station, near left bank on downstream side of county road bridge, 1 mi (1.6 km) downstream from U.S. Highway 231, 1.5 mi (2.4 km) downstream from Socapatoy Creek, and 4 mi (6 km) north of Rockford.

DRAINAGE AREA.--244 mi^2 (632 km^2).

PERIOD OF RECORD.--Chemical analyses: December 1970 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1968 and 1969.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
NOV.												
01...	108	13	200	43	3.2	1.5	3.1	1.5	18	0	2.4	1.4
22...	201	12	370	31	3.4	1.4	3.1	1.8	17	0	3.6	2.4
DEC.												
18...	218	13	110	5	3.3	1.5	2.5	.9	15	0	3.8	1.6
FEB.												
06...	1290	9.1	40	22	2.1	1.0	1.6	.7	8	0	3.8	1.4
MAR.												
13...	1890	7.3	30	40	3.1	1.4	2.3	.9	11	0	5.6	1.6
APR.												
28...	546	11	40	14	2.3	1.0	2.0	.9	12	0	2.6	1.4
JUNE												
16...	289	13	380	26	3.1	1.1	2.6	.9	15	0	2.6	1.6
JULY												
21...	462	9.8	200	64	3.1	1.2	2.3	1.0	12	0	6.4	1.6
AUG.												
26...	249	12	180	11	2.6	1.2	2.8	.9	17	0	2.2	1.6

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
NOV.												
01...	.0	.02	35	10.5	14	0	.4	46	6.9	18.0	12.6	1
22...	.1	.05	36	20.1	15	1	.4	50	6.9	11.0	11.4	2
DEC.												
18...	.0	.04	34	20.6	14	2	.3	37	7.1	5.0	14.2	ND
FEB.												
06...	.0	.06	24	73.1	9	3	.2	26	6.6	10.0	11.0	ND
MAR.												
13...	.1	.09	28	143	14	5	.3	38	6.9	15.0	10.6	ND
APR.												
28...	.0	.08	28	41.3	10	0	.3	34	6.9	19.0	10.2	5
JUNE												
16...	.0	.06	33	25.7	12	0	.3	42	7.2	24.0	10.2	1
JULY												
21...	.0	.08	32	39.9	13	3	.3	43	7.0	23.0	11.3	<1
AUG.												
26...	.0	.07	32	21.5	12	0	.4	40	7.6	26.0	11.2	1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
NOV.											
01...	<1	<1	2	1	2	1	<.2	2	ND	26	17
22...	4	<1	1	17	2	6	<.2	8	ND	61	19
DEC.											
18...	1	<1	1	1	3	1	<.2	3	ND	19	7
FEB.											
06...	<1	ND	1	1	2	1	.4	1	ND	61	<1
MAR.											
13...	ND	ND	2	3	ND	1	<.2	7	ND	30	7
APR.											
28...	<1	ND	2	--	1	--	<.2	--	--	20	11
JUNE											
16...	<1	ND	1	--	<1	--	.2	--	--	49	7
JULY											
21...	1	<1	1	--	ND	--	<.2	--	--	53	9
AUG.											
26...	1	<1	1	--	3	--	.2	--	--	50	10

02409502 Coosa River near Verbena, Ala.

LOCATION.--Lat 32°47'56", long 86°26'02", in SW¼SE¼SW¼ sec. 13, T. 21 N., R. 16 E., Coosa County, on left bank at State Hwy. 22 bridge 0.8 mi (1.3 km) downstream from Mitchell Dam, and at mile 37.22 (59.89 km).

DRAINAGE AREA.--9,780 mi^2 (25,300 km^2).

PERIOD OF RECORD.--Chemical analyses: March 1974 to September 1975.
Water temperatures: March 1974 to September 1975.

EXTREMES.--1974-75.
Specific conductance: Maximum, 171 micromhos Nov. 25; minimum, 60 micromhos Apr. 3, 15.
pH: Maximum, 8.3 units Aug. 24; minimum, 6.4 units July 9-10.
Turbidity: Maximum, 50 JTU Feb. 7-8; minimum, 0 JTU on several days during October-December.
Dissolved oxygen: Maximum, 12.3 mg/l Jan. 28; minimum, 2.8 mg/l Aug. 28.
Water temperatures: Maximum, 31.5° C Aug. 24; minimum, 9.0° C Dec. 19-23, Jan. 16-17.

Period of record:
Specific conductance: Maximum, 171 micromhos Nov. 25, 1974; minimum, 60 micromhos Apr. 3, 15, 1975.
pH: Maximum, 8.4 units Sept. 23, 1974; minimum, 6.4 units July 9-10, 1975.
Water temperature: Maximum, 31.5° C Aug. 1, 1974, Aug. 24, 1975.

REMARKS.--No specific conductance, pH, turbidity, dissolved oxygen, or water temperature data for some days because of recorder malfunction.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	134	133	142	138	166	161	133	128	92	88	88	86
2	133	123	145	142	168	163	133	130	88	85	88	86
3	127	124	146	144	167	166	130	128	88	86	87	84
4	127	125	145	141	167	167	128	127	89	86	85	79
5	126	124	148	141	168	165	128	127	90	85	83	80
6	129	126	150	147	168	157	130	121	86	77	82	79
7	129	115	151	150	160	157	124	119	77	74	80	77
8	126	123	151	150	161	160	124	122	75	74	79	77
9	127	125	150	150	161	159	123	119	75	74	79	78
10	126	123	150	150	161	159	119	---	---	---	81	77
11	130	124	152	150	161	160	---	101	---	---	77	75
12	130	127	154	152	163	161	106	101	---	---	81	77
13	131	128	154	154	164	162	101	99	---	---	80	74
14	136	130	159	154	165	164	---	---	---	---	81	75
15	140	134	160	159	165	164	93	91	---	---	87	81
16	142	134	162	160	165	162	95	92	90	86	87	81
17	137	136	162	162	163	158	97	94	86	74	83	80
18	137	135	163	159	159	156	98	96	79	74	85	83
19	136	134	159	149	158	157	97	94	83	79	83	75
20	134	134	154	144	---	---	96	93	81	79	75	71
21	135	131	156	151	---	---	98	94	81	79	74	72
22	135	134	153	150	---	---	97	89	82	80	76	72
23	135	133	163	153	---	---	97	92	86	82	76	74
24	137	134	165	161	---	140	96	92	90	86	75	72
25	138	136	171	165	142	133	97	89	90	86	72	67
26	138	138	167	158	146	136	103	94	89	87	69	67
27	138	136	159	158	147	142	105	100	89	85	69	67
28	137	135	160	159	142	124	100	96	88	85	69	67
29	137	133	161	160	124	117	96	94	---	---	69	67
30	138	135	161	160	120	116	95	94	---	---	72	68
31	139	137	---	---	128	120	94	92	---	---	75	72
MONTH	142	115	171	138	168	116	133	89	92	74	88	67

02409502 Coosa River near Verbena, Ala.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	78	75	79	77	118	116	126	120	121	114	128	126
2	78	72	80	77	119	116	128	123	119	114	126	123
3	72	60	79	77	117	114	129	124	116	114	127	122
4	73	67	79	78	119	114	129	125	117	113	127	123
5	74	70	81	77	120	116	128	127	129	113	---	---
6	75	72	79	75	122	118	128	118	118	107	---	---
7	74	71	84	76	121	119	131	110	119	107	---	---
8	74	73	91	83	121	120	132	131	113	106	118	115
9	74	73	95	91	120	109	131	119	113	106	117	114
10	74	72	96	93	122	111	127	109	114	105	115	113
11	75	72	94	90	125	119	---	---	118	112	117	111
12	75	73	94	83	128	122	---	---	122	117	118	113
13	75	73	---	---	130	124	---	---	122	116	120	113
14	74	67	---	---	132	126	---	---	126	120	121	115
15	67	60	---	---	129	121	116	108	124	122	120	115
16	65	61	---	---	129	104	112	106	126	122	116	114
17	67	62	---	---	110	103	111	107	124	115	117	115
18	70	64	---	---	114	110	114	110	125	122	118	116
19	72	66	---	---	118	114	114	111	126	122	116	115
20	73	71	---	---	120	114	114	111	128	122	116	114
21	73	70	---	---	121	116	112	105	126	122	115	112
22	71	69	---	---	125	120	110	105	127	124	115	112
23	74	71	---	---	126	122	112	108	126	124	114	111
24	74	73	---	---	126	123	113	110	124	124	114	109
25	75	73	---	---	125	121	115	112	125	116	113	101
26	76	75	---	---	124	120	116	112	125	115	101	93
27	77	75	---	---	123	120	116	112	126	122	99	97
28	78	73	---	---	125	123	116	111	126	124	106	98
29	76	73	---	---	123	122	118	113	126	124	104	100
30	79	74	114	108	125	120	118	114	124	123	104	100
31	---	---	117	112	---	---	119	111	127	124	---	---
MONTH	79	60	---	---	132	103	132	105	129	105	128	93

02409502 Coosa River near Verbena, Ala.--Continued

PH (UNITS) . WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	7.4	7.1	6.8	6.7	7.3	7.3	7.1	7.1	6.9	6.8	7.0	6.9
2	7.2	7.1	7.0	6.7	7.4	7.3	7.1	7.1	6.9	6.9	6.9	6.9
3	7.3	7.1	7.2	6.9	7.4	7.3	7.2	7.1	7.1	6.8	6.9	6.9
4	7.3	7.2	7.1	6.8	7.4	7.3	7.2	7.1	7.1	7.0	7.0	6.8
5	7.3	7.1	6.9	6.9	7.4	7.4	7.1	7.1	7.1	7.1	7.0	6.9
6	7.5	7.1	7.0	6.9	7.4	7.3	7.1	7.1	7.1	7.0	6.9	6.9
7	7.2	6.9	7.0	7.0	7.3	7.2	7.1	7.0	7.0	6.9	6.9	6.9
8	7.3	7.1	7.1	7.0	7.3	7.3	7.0	7.0	7.0	7.0	6.9	6.9
9	7.2	7.0	7.0	7.0	7.3	7.3	7.0	7.0	7.0	7.0	6.9	6.9
10	7.2	7.1	7.2	7.0	7.3	7.3	7.0	7.0	---	---	6.9	6.9
11	7.2	7.1	7.1	7.0	7.4	7.3	7.0	7.0	---	---	6.9	6.9
12	7.4	7.1	7.3	7.1	7.4	7.4	7.0	6.9	---	---	7.0	6.9
13	8.2	7.2	7.2	7.2	7.4	7.3	7.0	6.9	---	---	7.1	6.9
14	7.7	7.0	7.2	7.2	7.3	7.3	---	---	---	---	7.1	7.0
15	7.0	7.0	7.2	7.1	7.3	7.1	7.0	6.9	---	---	7.1	7.0
16	7.0	6.9	7.2	7.1	7.2	7.1	7.0	6.9	6.9	6.9	7.2	7.1
17	7.2	7.0	7.2	7.1	7.2	7.1	7.0	6.9	6.9	6.9	7.2	7.1
18	7.2	7.1	7.1	7.0	7.1	7.0	7.0	6.9	6.9	6.8	7.2	7.1
19	7.2	7.1	7.0	7.0	7.2	7.0	6.9	6.9	6.9	6.9	7.2	7.1
20	7.6	7.0	7.0	6.9	7.1	7.1	7.0	6.9	6.9	6.9	7.1	7.1
21	7.1	6.9	7.0	7.0	7.2	7.1	7.0	6.9	6.9	6.9	7.1	7.0
22	7.2	7.0	7.2	7.0	7.2	7.2	7.0	6.9	6.9	6.8	7.1	7.1
23	7.0	6.9	7.2	7.2	7.2	7.1	7.0	6.9	6.9	6.8	7.1	7.1
24	7.1	6.9	7.2	7.1	7.4	7.2	6.9	6.9	6.9	6.9	7.1	7.0
25	7.0	6.9	7.3	7.2	7.3	7.2	7.0	6.9	7.0	6.9	7.0	7.0
26	7.0	6.9	7.3	7.3	7.4	7.3	7.1	7.0	7.0	6.9	7.0	7.0
27	7.2	6.9	7.3	7.3	7.4	7.3	7.1	7.0	7.0	6.9	7.0	7.0
28	7.0	6.8	7.4	7.3	7.4	7.2	7.1	6.9	7.0	6.9	7.0	7.0
29	6.8	6.8	7.4	7.3	7.2	7.1	6.9	6.8	---	---	7.0	7.0
30	6.8	6.7	7.4	7.3	7.2	7.1	6.9	6.8	---	---	7.0	7.0
31	6.8	6.7	---	---	7.1	7.1	6.9	6.9	---	---	7.0	7.0
MONTH	8.2	6.7	7.4	6.7	7.4	7.0	7.2	6.8	7.1	6.8	7.2	6.8

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	7.0	7.0	6.7	6.6	7.2	7.1	6.8	6.7	7.0	6.9	7.2	6.9
2	7.0	7.0	6.7	6.6	7.2	7.0	6.8	6.7	6.9	6.8	7.0	6.9
3	7.0	6.8	6.8	6.7	7.2	7.1	6.8	6.7	6.9	6.8	7.1	6.9
4	7.0	6.9	6.7	6.7	7.2	7.1	6.7	6.6	7.0	6.8	7.1	7.0
5	7.0	6.9	6.8	6.7	7.2	7.0	6.7	6.5	7.0	7.0	7.1	6.9
6	7.0	6.8	6.8	6.7	7.2	7.0	6.9	6.5	7.1	6.9	7.1	7.0
7	6.9	6.8	6.9	6.8	7.1	7.0	6.8	6.5	7.1	6.9	7.1	7.0
8	6.9	6.8	7.0	6.9	7.1	7.0	6.7	6.5	7.0	6.9	7.1	6.9
9	6.9	6.8	6.9	6.8	7.2	6.8	6.6	6.4	7.0	6.9	7.1	7.0
10	6.8	6.8	6.9	6.9	6.8	6.7	6.6	6.4	7.1	6.9	7.1	7.0
11	6.8	6.7	6.9	6.9	6.8	6.7	---	---	7.1	7.0	7.2	7.0
12	6.7	6.7	6.9	6.9	7.0	6.7	---	---	7.1	7.0	7.2	7.1
13	6.7	6.6	---	---	7.0	6.8	---	---	7.0	7.0	7.2	7.1
14	6.9	6.7	---	---	7.0	6.8	---	---	7.1	7.0	7.5	7.1
15	6.8	6.7	---	---	6.9	6.8	7.0	7.0	7.1	7.0	7.2	7.1
16	6.9	6.8	---	---	6.9	6.8	7.0	6.8	7.0	7.0	7.1	7.1
17	6.9	6.7	---	---	6.8	6.6	6.9	6.7	7.2	6.9	7.1	7.1
18	6.8	6.7	---	---	6.8	6.7	6.8	6.7	7.1	7.0	7.1	7.1
19	6.8	6.7	---	---	7.0	6.8	6.8	6.7	7.0	6.8	7.5	7.1
20	6.8	6.7	---	---	7.2	6.9	6.9	6.8	7.0	6.9	7.3	7.2
21	6.8	6.7	---	---	7.2	7.0	6.9	6.7	7.0	6.8	7.3	7.1
22	6.7	6.6	---	---	7.4	6.9	6.9	6.8	6.9	6.8	7.2	7.1
23	6.7	6.6	---	---	7.2	7.0	7.0	6.9	6.9	6.8	7.3	7.2
24	6.7	6.6	7.3	7.2	7.2	7.0	7.0	6.9	8.3	6.8	7.3	7.2
25	6.7	6.6	7.2	7.2	7.1	7.0	7.0	6.9	8.1	6.8	7.3	7.2
26	6.7	6.6	7.2	7.1	7.0	6.9	7.0	6.9	7.0	6.7	7.2	7.1
27	6.7	6.6	7.2	7.1	7.0	6.9	7.0	6.9	6.9	6.8	7.1	7.1
28	6.7	6.7	7.2	7.2	6.9	6.8	6.9	6.8	7.0	6.8	7.1	7.0
29	6.7	6.6	7.2	6.7	7.0	6.8	6.9	6.7	7.5	6.8	7.2	7.1
30	6.7	6.6	7.2	7.0	6.9	6.7	6.9	6.7	8.2	7.0	7.1	7.0
31	---	---	7.2	7.0	---	---	6.9	6.9	8.0	6.9	---	---
MONTH	7.0	6.6	---	---	7.4	6.6	7.0	6.4	8.3	6.7	7.5	6.9

02409502 Coosa River near Verbena, Ala.--Continued

TURBIDITY (JTU) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	20	15	0	0	25	25	45	40	20	20
2	---	---	20	0	8	0	25	25	45	40	20	15
3	---	---	0	0	0	0	30	25	40	35	15	15
4	0	0	0	0	0	0	30	25	40	35	15	15
5	0	0	0	0	0	0	25	25	40	40	15	15
6	0	0	0	0	0	0	25	25	45	35	15	15
7	5	0	0	0	5	0	25	25	50	45	15	15
8	5	5	0	0	6	4	25	25	50	45	15	15
9	5	5	0	0	6	5	25	25	45	45	15	15
10	5	0	0	0	6	5	30	25	---	---	15	15
11	0	0	0	0	5	4	30	15	---	---	15	15
12	5	0	10	0	5	4	35	30	---	---	15	15
13	0	0	6	4	5	4	35	35	---	---	15	10
14	10	0	5	4	6	5	---	---	---	---	20	15
15	10	0	6	4	6	5	30	20	---	---	20	20
16	0	0	5	3	6	5	25	20	25	20	25	20
17	5	0	3	2	7	6	20	20	30	25	25	20
18	5	5	6	2	7	6	20	15	30	30	25	25
19	5	5	10	4	6	4	20	15	30	30	30	25
20	5	5	7	5	5	4	20	20	30	30	30	25
21	10	5	8	6	5	4	20	20	30	25	30	25
22	10	10	8	0	5	3	20	15	25	25	25	25
23	10	10	0	0	4	3	20	15	25	25	25	20
24	25	10	0	0	30	3	20	15	25	25	25	20
25	25	25	0	0	15	8	20	15	25	25	30	25
26	25	25	0	0	15	15	25	20	25	25	30	25
27	25	25	0	0	25	15	35	20	25	20	30	20
28	25	20	0	0	30	25	40	35	20	20	25	25
29	25	25	0	0	30	30	40	35	---	---	25	20
30	25	25	0	0	30	25	40	35	---	---	20	20
31	25	15	---	---	30	25	45	40	---	---	20	20
MONTH	25	0	20	0	30	0	45	15	50	20	30	10

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	20	15	10	10	9	7	8	5	10	9	7	5
2	20	20	---	---	9	7	8	5	15	8	6	6
3	45	20	---	---	10	7	8	5	15	10	7	5
4	35	25	---	---	10	8	8	6	15	10	6	5
5	25	25	---	---	10	8	7	5	10	10	7	5
6	25	20	---	---	9	8	9	5	40	9	6	4
7	20	20	---	---	9	6	30	8	20	10	15	3
8	20	20	---	---	7	6	10	7	20	10	6	4
9	30	20	15	15	8	5	15	9	20	10	7	5
10	20	15	15	15	10	7	25	10	30	10	7	5
11	45	20	15	15	20	8	---	---	15	10	7	5
12	20	15	15	15	25	8	---	---	15	15	7	5
13	15	15	---	---	15	8	---	---	20	15	6	4
14	15	15	---	---	10	8	---	---	15	10	4	3
15	20	15	---	---	15	9	10	7	15	10	9	2
16	20	20	---	---	15	10	10	7	10	8	10	4
17	20	15	---	---	15	10	10	7	20	7	10	3
18	20	15	---	---	15	10	10	8	9	7	5	3
19	20	10	---	---	15	10	9	6	7	6	8	2
20	10	10	---	---	10	5	7	5	8	4	7	5
21	10	10	---	---	8	3	8	5	7	5	6	5
22	10	10	---	---	8	6	9	7	7	5	7	4
23	15	10	---	---	8	6	15	8	6	5	20	5
24	15	10	9	8	7	6	15	10	7	5	20	15
25	15	10	9	8	8	6	15	10	10	5	20	10
26	15	10	9	8	8	6	15	10	10	9	25	20
27	10	9	10	8	7	5	15	10	10	8	20	15
28	10	9	9	9	5	3	15	10	9	8	15	15
29	10	10	10	8	6	3	15	9	8	7	15	10
30	10	10	10	8	7	4	15	9	9	6	15	10
31	---	---	10	8	---	---	15	10	9	6	---	---
MONTH	45	9	---	---	25	3	30	5	40	4	25	2

02409502 Coosa River near Verbena, Ala.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	9.1	7.0	6.8	6.4	7.7	7.5	---	---	11.2	10.8	10.0	9.8
2	8.5	6.9	7.1	6.3	10.6	7.7	---	---	11.0	9.4	10.2	9.9
3	8.5	7.6	7.4	6.4	8.1	8.1	---	---	11.5	9.3	11.8	8.5
4	8.4	7.7	7.3	5.9	8.1	8.0	---	---	11.9	11.4	10.9	7.5
5	8.9	7.5	6.2	5.8	8.2	8.0	---	---	12.2	11.8	---	---
6	9.9	7.6	6.8	6.1	8.1	8.0	---	---	12.0	11.7	---	---
7	8.8	7.0	7.0	6.7	8.1	8.0	---	---	12.0	11.7	---	---
8	9.5	8.2	6.9	6.6	8.3	7.9	---	---	12.0	11.3	---	---
9	9.5	8.3	6.8	6.4	8.3	8.1	---	---	11.9	11.2	---	---
10	9.1	8.2	7.1	6.4	8.3	8.2	---	---	---	---	---	---
11	8.4	7.3	7.4	6.2	8.3	8.3	---	---	---	---	---	---
12	9.0	6.6	6.7	6.2	8.5	8.3	---	---	---	---	---	---
13	10.9	7.5	6.6	6.5	8.5	8.3	---	---	---	---	---	---
14	9.6	6.4	6.8	6.4	8.4	8.1	---	---	---	---	---	---
15	6.6	5.7	6.9	6.7	8.7	8.0	10.2	9.8	---	---	---	---
16	6.5	5.6	7.1	6.8	8.6	8.0	10.3	9.8	10.3	10.2	---	---
17	6.3	5.8	7.2	6.4	8.3	8.2	11.2	9.3	10.4	10.1	---	---
18	7.1	5.9	7.0	6.4	8.4	8.3	9.4	9.3	10.4	10.3	---	---
19	7.3	6.3	6.7	6.3	8.5	8.4	9.3	9.2	10.7	10.4	---	---
20	8.8	6.3	6.9	6.3	8.9	8.5	10.9	9.3	10.9	10.6	10.7	10.3
21	7.1	5.6	7.1	6.8	9.2	8.9	10.8	9.4	11.1	10.4	10.7	10.3
22	7.8	6.4	7.1	7.0	9.2	9.0	9.4	9.4	11.0	10.4	10.5	10.1
23	6.6	5.5	7.2	7.0	9.2	9.1	9.4	9.4	10.8	10.1	10.4	10.1
24	7.1	6.4	7.1	6.9	10.7	9.0	10.4	9.3	10.6	10.1	10.3	10.0
25	7.0	6.4	7.3	7.0	10.9	10.3	12.0	9.4	10.6	10.4	10.3	10.0
26	7.4	6.5	7.3	7.2	10.9	10.6	12.2	11.9	10.5	10.1	10.3	10.0
27	8.2	6.3	7.4	7.2	10.9	10.0	12.1	11.8	10.2	9.8	10.1	9.7
28	8.0	6.5	7.4	7.2	10.3	9.6	12.3	11.9	10.1	9.8	10.0	9.4
29	6.7	6.4	7.4	7.2	10.2	9.1	12.2	11.7	---	---	9.9	9.5
30	6.6	6.3	7.6	7.3	---	---	11.9	11.5	---	---	9.9	9.5
31	6.8	6.4	---	---	---	---	11.6	11.2	---	---	10.0	9.9
MONTH	10.9	5.5	7.6	5.8	10.9	7.5	---	---	12.2	9.3	---	---

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	10.0	9.9	6.9	6.5	5.6	4.8	5.3	3.7	5.3	5.1	5.8	3.1
2	10.2	9.9	7.0	6.6	6.8	5.2	5.8	4.4	5.3	4.5	4.2	3.3
3	10.3	9.8	7.1	6.7	7.0	5.6	5.9	4.4	4.9	4.3	5.3	3.1
4	10.0	9.8	6.7	6.3	6.8	5.6	5.6	4.5	5.2	4.6	5.3	4.2
5	9.9	9.6	6.7	6.2	7.0	5.2	6.3	4.2	5.4	5.0	5.1	4.1
6	9.8	9.5	6.5	6.2	6.4	5.3	8.0	4.1	7.8	4.7	4.7	3.9
7	9.8	9.4	8.5	6.0	6.8	5.2	9.1	4.1	7.0	5.1	4.7	3.8
8	9.7	9.4	9.1	6.2	6.6	5.1	8.9	4.9	5.8	5.0	5.0	3.3
9	9.8	9.3	6.5	5.7	6.8	3.7	6.1	5.1	5.7	5.2	4.8	4.2
10	9.7	9.5	5.8	5.5	4.3	3.3	8.6	5.3	8.0	5.4	4.7	3.9
11	9.6	8.5	6.2	5.4	4.9	3.4	---	---	8.0	7.6	5.2	3.7
12	8.6	8.0	6.0	5.4	8.2	3.7	---	---	8.0	6.0	5.1	4.5
13	8.0	7.9	---	---	8.4	5.5	---	---	7.6	5.4	5.7	4.6
14	10.1	8.0	---	---	6.2	5.0	---	---	7.4	5.3	7.1	4.8
15	10.0	8.7	---	---	5.8	5.0	5.5	4.4	6.4	5.0	5.9	4.7
16	9.7	8.7	---	---	5.7	4.8	4.6	4.1	5.8	5.2	5.3	4.7
17	9.3	8.2	---	---	5.6	4.8	5.1	3.9	6.8	4.6	5.0	4.6
18	9.4	7.7	---	---	6.0	4.6	4.8	3.9	6.1	5.0	5.4	4.7
19	8.0	7.8	---	---	5.6	4.8	5.1	4.1	5.9	4.9	6.1	4.9
20	8.0	7.9	---	---	6.0	4.6	5.7	4.2	5.7	5.1	5.9	5.2
21	8.0	7.8	---	---	5.6	4.3	5.0	4.2	5.5	4.6	6.3	4.8
22	7.9	7.6	---	---	6.2	4.0	5.1	4.3	5.1	4.4	5.6	4.9
23	7.7	7.5	---	---	6.0	3.8	5.4	4.3	5.4	4.0	9.5	5.6
24	7.7	7.4	7.0	6.3	6.4	5.1	6.5	4.8	9.1	4.3	9.7	9.3
25	8.2	7.3	6.7	6.2	6.2	5.5	6.3	5.5	8.6	3.8	9.9	9.6
26	7.5	7.0	6.6	5.6	5.8	5.1	6.6	5.5	5.2	3.6	10.0	9.7
27	7.5	7.1	6.5	5.4	6.4	5.1	6.6	5.7	4.8	4.1	10.0	9.5
28	7.3	7.0	6.6	6.0	5.7	4.9	6.2	5.6	4.7	2.8	9.6	9.2
29	7.1	6.8	6.6	5.2	6.6	4.4	6.0	4.9	6.5	3.0	9.4	7.0
30	6.8	6.7	5.6	4.6	5.7	4.3	5.4	4.7	7.8	4.6	7.0	6.6
31	---	---	6.0	4.6	---	---	5.3	4.9	7.7	4.0	---	---
MONTH	10.3	6.7	---	---	8.4	3.3	9.1	3.7	9.1	2.8	10.0	3.1

02409502 Coosa River near Verbena, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	23.5	22.5	20.0	19.0	13.5	13.0	10.5	10.0	12.0	11.5	13.0	12.0
2	22.5	22.0	20.0	19.0	13.0	12.5	10.5	10.0	12.0	11.5	12.5	12.0
3	22.0	21.0	21.0	19.0	12.5	12.0	10.5	10.0	12.0	11.5	12.5	11.5
4	23.0	20.5	20.0	19.0	12.5	11.5	10.5	10.0	12.0	11.5	11.5	11.0
5	23.5	21.5	19.5	19.0	12.0	11.0	10.5	10.0	12.5	12.0	11.5	11.0
6	23.5	21.5	19.5	18.5	11.5	11.0	10.5	10.0	12.0	11.0	11.5	10.5
7	22.5	21.5	19.5	18.5	11.5	11.0	10.5	10.0	11.5	11.0	11.5	11.0
8	22.5	22.0	19.0	18.5	11.0	10.5	10.5	10.5	11.0	10.5	11.5	11.0
9	22.5	21.5	19.0	18.5	11.0	10.5	11.5	10.5	11.0	10.5	11.0	11.0
10	22.5	21.5	19.0	18.0	11.0	10.0	11.5	11.5	---	---	11.5	11.0
11	22.5	21.5	18.5	18.0	10.5	10.5	11.5	11.5	---	---	11.5	11.0
12	23.0	21.5	18.0	17.5	10.5	10.0	11.5	11.0	---	---	12.0	11.5
13	23.0	22.0	18.0	17.0	10.5	10.0	11.0	10.5	---	---	12.5	11.5
14	22.5	21.5	17.5	16.5	10.5	10.0	---	---	---	---	12.5	11.5
15	22.0	21.5	16.5	16.5	10.5	10.0	10.0	9.5	---	---	12.5	12.0
16	21.5	20.5	17.0	16.0	10.5	10.0	9.5	9.0	11.0	10.5	12.0	12.0
17	21.5	20.5	17.5	16.5	10.0	9.5	9.5	9.0	11.5	10.5	12.0	12.0
18	21.5	20.5	17.0	16.5	10.0	9.5	10.0	9.5	12.5	11.5	12.0	12.0
19	21.0	20.5	17.0	16.5	9.5	9.0	10.0	9.5	12.0	11.5	12.0	12.0
20	21.0	20.0	17.0	16.0	9.0	9.0	10.0	9.5	12.0	11.5	12.5	11.5
21	20.5	19.5	16.5	16.0	9.5	9.0	10.0	9.5	12.5	11.5	12.5	12.0
22	21.0	19.0	16.5	16.0	10.0	9.0	10.0	9.5	12.5	12.0	13.5	12.5
23	20.0	19.0	16.5	15.5	9.5	9.0	10.0	9.5	13.0	12.5	13.5	13.0
24	20.0	19.0	16.5	15.5	10.0	9.5	10.0	10.0	12.5	12.0	14.0	13.5
25	20.0	19.0	15.5	15.5	10.0	9.5	10.0	10.0	13.0	12.0	14.5	13.5
26	20.0	19.0	15.5	14.5	9.5	9.5	10.5	10.0	13.0	12.0	14.5	14.0
27	20.0	19.0	15.0	14.5	10.0	9.5	11.0	10.0	13.0	12.0	15.0	14.5
28	20.0	19.0	15.0	14.0	10.0	10.0	11.0	10.0	13.0	12.5	15.0	15.0
29	19.5	19.0	14.5	14.0	10.5	10.0	11.0	10.5	---	---	15.5	15.0
30	19.5	19.0	14.0	13.0	10.5	10.5	11.0	10.5	---	---	15.0	14.5
31	20.0	19.0	---	---	10.5	10.0	11.5	11.0	---	---	15.5	14.5
MONTH	23.5	19.0	21.0	13.0	13.5	9.0	11.5	9.0	13.0	10.5	15.5	10.5

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	16.0	15.0	19.5	18.5	25.5	24.5	28.0	28.0	28.0	27.5	30.0	29.5
2	15.5	15.5	20.0	19.0	25.5	25.0	28.5	28.0	27.5	27.0	29.5	29.0
3	15.5	15.0	20.0	19.5	26.0	25.0	28.5	28.0	28.0	27.0	29.5	29.0
4	15.5	14.5	20.0	19.5	26.0	25.0	29.0	28.0	27.5	26.5	29.5	29.0
5	15.5	14.5	20.0	19.5	26.0	25.0	29.0	28.5	27.5	26.5	29.5	29.0
6	15.5	14.5	19.5	19.0	26.0	25.5	29.0	28.0	27.0	27.0	29.0	29.0
7	15.0	14.5	20.0	19.5	26.0	25.5	28.5	27.5	27.0	26.5	29.0	28.5
8	15.0	15.0	20.5	19.5	26.0	26.0	28.5	28.0	27.0	26.0	29.0	28.5
9	15.0	15.0	21.0	20.0	26.0	25.5	28.5	28.0	26.5	26.0	29.5	28.5
10	15.5	15.0	21.5	20.5	26.0	25.5	28.0	27.5	26.5	26.0	29.5	28.5
11	15.5	15.0	21.5	20.5	26.5	25.5	---	---	26.5	26.0	29.0	28.5
12	15.5	15.0	21.5	21.0	26.5	26.0	---	---	27.0	26.0	29.0	28.5
13	15.5	15.0	---	---	27.0	26.5	---	---	27.0	26.5	29.0	28.5
14	15.0	15.0	---	---	27.0	27.0	---	---	28.0	27.0	28.5	28.0
15	15.5	15.0	---	---	27.0	26.5	27.5	26.5	27.5	27.0	28.0	27.5
16	15.5	15.0	---	---	27.0	26.5	27.0	26.5	28.0	27.5	28.0	27.5
17	16.0	15.0	---	---	27.0	26.5	27.5	26.5	28.5	27.0	27.5	27.0
18	16.0	15.0	---	---	27.5	26.5	27.0	26.5	28.5	28.0	27.5	27.0
19	16.5	15.5	---	---	27.5	27.0	27.5	26.5	28.5	28.0	27.5	27.0
20	16.5	16.0	---	---	28.0	27.5	27.5	27.0	28.5	28.0	27.5	26.5
21	17.0	16.0	---	---	28.0	27.5	27.5	27.0	28.5	28.0	27.0	26.5
22	17.0	16.0	---	---	29.0	27.5	28.0	27.0	29.0	28.5	26.5	26.0
23	17.0	16.5	---	---	28.5	27.5	27.5	27.0	29.0	28.0	26.0	24.0
24	17.5	16.5	25.5	25.0	28.5	27.5	28.0	27.0	31.5	28.0	24.0	23.0
25	18.0	17.0	25.5	25.0	28.5	28.0	28.0	27.5	30.5	28.5	23.0	22.0
26	18.5	17.5	25.5	25.0	28.5	28.0	28.0	27.5	29.5	28.5	22.0	21.0
27	18.5	17.5	26.0	25.0	28.5	28.0	28.5	27.5	29.5	29.0	21.0	20.5
28	19.0	18.0	26.5	25.5	28.0	27.5	28.5	27.5	30.0	29.0	21.0	20.5
29	18.5	18.5	25.5	24.5	29.0	27.5	28.0	27.5	31.0	29.0	21.0	21.0
30	19.0	18.5	24.5	24.0	28.0	27.5	27.5	27.0	31.0	29.5	21.0	21.0
31	---	---	25.0	24.0	---	---	27.5	27.0	30.5	29.5	---	---
MONTH	19.0	14.5	---	---	29.0	24.5	29.0	26.5	31.5	26.0	30.0	20.5

MOBILE RIVER MAIN STEM

02411000 Coosa River at Jordan Dam near Wetumpka, Ala.

LOCATION.--Lat 32°36'50", long 86°15'18", in S½ sec. 22, T. 19 N., R. 18 E., Elmore County, at gaging station, on right bank 0.5 mi (0.8 km) downstream from Jordan Dam, 4 mi (6 km) upstream from Corn Creek, 5.5 mi (8.8 km) northwest of Wetumpka, and at mile 18.6 (29.9 km).

DRAINAGE AREA.--10,200 mi² (26,400 km²), approximately.

PERIOD OF RECORD.--Chemical analyses: January 1972 to September 1975.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(NO denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
NOV.												
01...	16500	5.5	10	28	11	4.8	7.0	2.2	57	0	7.2	5.4
26...	3840	6.1	150	15	12	5.2	8.5	2.2	63	0	9.2	7.0
DEC.												
18...	800	7.1	0	28	12	5.8	10	2.2	66	0	11	9.2
FEB.												
06...	47000	7.2	60	10	9.6	2.9	3.3	1.4	36	0	7.4	3.6
JULY												
22...	18500	4.2	70	24	11	4.1	5.1	1.4	55	0	8.0	4.6
AUG.												
25...	12700	4.9	90	1	14	4.4	5.7	1.5	55	0	7.2	5.2

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
NOV.												
01...	.1	.14	72	3210	47	1	.4	133	7.4	22.0	11.2	1
26...	.1	.18	82	912	52	1	.5	145	7.4	16.0	8.8	1
DEC.												
18...	.1	.25	92	238	54	0	.6	166	8.0	10.0	12.9	2
FEB.												
06...	.0	.27	55	--	36	7	.2	94	7.3	11.5	--	ND
JULY												
22...	.0	.14	66	3300	45	0	.3	120	7.3	28.0	5.0	2
AUG.												
25...	.0	.01	70	2400	53	8	.3	134	7.6	29.0	6.3	2

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
NOV.											
01...	<1	<1	1	2	4	4	ND	2	<1	42	6
26...	<1	1	<1	1	<1	5	.2	2	ND	68	6
DEC.											
18...	2	<1	1	2	3	5	.2	3	ND	22	6
FEB.											
06...	<1	ND	2	2	1	3	.2	1	ND	62	6
JULY											
22...	<1	<1	1	--	<1	--	.3	--	--	57	9
AUG.											
25...	<1	ND	1	--	2	--	.2	--	--	60	10

02418500 Tallapoosa River below Tallassee, Ala.

LOCATION.--Lat 32°30'45", long 85°53'21", in E½ sec. 30, T. 18 N., R. 22 E., Tallapoosa County, at gaging station on left bank, 1.5 mi (2.4 km) downstream from Benjamin Fitzpatrick Highway bridge and Thurlow Dam at Tallassee, 3.5 mi (5.6 km) upstream from Uphapee Creek, and at mile 48.1 (77.4 km).

DRAINAGE AREA.--3,320 mi^2 (8,600 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: August 1969 to September 1973, September 1974 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1968-69.

CHEMICAL ANALYSES, SEPTEMBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
SEP., 1974												
17...	8000	9.5	130	80	2.8	1.1	3.4	1.0	18	0	1.9	2.2
OCT.												
31...	600	8.9	270	120	2.2	1.4	4.0	1.5	17	0	2.4	2.4
NOV.												
26...	8000	9.4	340	110	2.0	1.3	3.7	1.4	15	0	2.4	2.8
DEC.												
17...	7500	9.5	0	68	3.1	1.6	4.0	1.4	19	0	2.8	2.4
FEB., 1975												
07...	9600	11	60	20	2.2	1.2	3.4	1.3	14	0	2.2	3.2
MAR.												
20...	25000	8.4	40	29	2.0	.9	2.3	1.2	11	0	2.6	2.2
APR.												
29...	8000	8.1	110	14	1.9	.9	2.3	1.1	12	0	2.2	1.6
JUNE												
17...	8000	8.5	100	80	2.0	1.1	2.8	1.0	14	0	2.0	2.0
JULY												
22...	7400	8.4	110	180	2.6	1.1	2.6	1.0	14	0	2.2	1.8
SEP.												
02...	8000	8.9	180	210	2.1	1.2	3.0	1.1	18	0	1.6	1.6

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
SEP., 1974												
17...	.1	--	31	670	12	0	.4	42	6.8	22.0	9.4	<1
OCT.												
31...	.0	.06	31	55.1	12	0	.5	45	6.7	19.5	10.8	<1
NOV.												
26...	.1	.09	31	670	11	0	.5	43	6.8	13.0	8.3	1
DEC.												
17...	.1	.11	34	587	14	0	.5	50	7.1	11.0	10.8	<1
FEB., 1975												
07...	.0	.19	32	829	11	0	.5	40	6.7	9.5	10.6	<1
MAR.												
20...	.0	.20	26	1760	9	0	.3	30	7.0	12.0	12.2	1
APR.												
29...	.0	.20	25	540	8	0	.3	34	6.5	16.5	7.5	1
JUNE												
17...	.0	.19	27	583	10	0	.4	42	6.6	18.0	7.4	1
JULY												
22...	.0	.15	27	539	11	0	.3	40	6.2	20.0	6.1	ND
SEP.												
02...	.0	.09	29	626	10	0	.4	40	6.1	24.0	5.4	1

02418500 Tallapoosa River below Tallassee, Ala.--Continued

CHEMICAL ANALYSES, SEPTEMBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
SEP.. 1974											
17...	<1	<1	2	2	1	1	<.2	3	ND	34	9
OCT.											
31...	<1	<1	1	<1	1	6	ND	2	<1	22	4
NOV.											
26...	1	<1	1	1	1	1	.3	2	ND	51	8
DEC.											
17...	1	<1	1	1	1	1	.3	2	<1	32	6
FEB.. 1975											
07...	<1	1	1	1	ND	1	<.2	1	ND	51	2
MAR.											
20...	<1	ND	1	2	1	1	ND	3	ND	34	5
APR.											
29...	<1	<1	2	--	1	--	<.2	--	--	37	10
JUNE											
17...	<1	ND	1	--	<1	--	<.2	--	--	43	9
JULY											
22...	<1	<1	1	--	ND	--	.6	--	--	55	9
SEP.											
02...	<1	ND	1	--	<1	--	ND	--	--	50	10

02419000 Uphapee Creek near Tuskegee, Ala.

LOCATION.--Lat 32°28'36", long 85°41'42", on east line of sec. 12, T. 17 N., R. 23 E., Macon County, at gaging station, on left bank at downstream side of bridge on State Highway 81, 1 mi (1.6 km) upstream from Red Creek, 1.2 mi (1.9 km) upstream from bridge on Western Railway of Alabama, and 4 mi (6.4 km) north of Tuskegee.

DRAINAGE AREA.--330 mi^2 (855 km^2).

PERIOD OF RECORD.--Chemical analyses: December 1970 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1968 and 1969.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
30...	57	5.6	260	58	6.5	3.7	5.5	2.8	38	0	3.8	6.6
NOV.												
26...	89	8.5	570	24	5.2	2.8	4.4	2.5	32	0	3.8	5.2
DEC.												
17...	217	7.6	240	65	4.5	1.8	2.9	2.2	18	0	5.2	3.6
FEB.												
07...	781	8.6	200	7	4.4	1.5	3.0	1.4	18	0	3.8	3.6
MAR.												
20...	4420	5.4	130	10	3.0	1.1	1.6	1.3	11	0	3.2	2.4
APR.												
29...	318	7.5	270	0	4.8	1.8	2.6	1.4	21	0	3.0	2.8
JUNE												
17...	156	8.5	530	25	5.7	2.7	3.4	1.7	32	0	2.0	3.2
JULY												
22...	215	7.8	490	11	5.6	2.4	3.3	1.5	30	0	2.6	3.4
SEP.												
02...	107	6.2	210	67	6.4	2.9	3.9	2.2	34	0	3.2	4.4

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
30...	.1	.10	54	7.69	31	0	.4	102	7.3	17.5	--	7
NOV.												
26...	.1	.27	50	11.3	25	0	.4	77	7.0	9.5	12.0	1
DEC.												
17...	.1	.17	38	22.3	19	4	.3	55	6.9	8.0	12.2	ND
FEB.												
07...	.0	.19	36	75.9	17	2	.3	56	6.8	8.5	11.3	3
MAR.												
20...	.0	.09	23	274	12	3	.2	32	6.7	13.5	9.8	ND
APR.												
29...	.0	.27	35	30.1	20	3	.3	56	6.6	20.5	9.6	2
JUNE												
17...	.0	.29	45	19.0	25	0	.3	72	7.4	23.0	9.0	1
JULY												
22...	.0	.32	43	25.0	24	0	.3	70	7.1	24.0	9.4	<1
SEP.												
02...	.0	.32	48	13.9	28	0	.3	83	6.9	24.0	8.7	<1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
30...	<1	ND	1	<1	<1	2	<.2	1	<1	24	5
NOV.											
26...	1	<1	1	<1	1	2	.3	2	ND	54	6
DEC.											
17...	<1	<1	1	1	1	1	<.2	2	ND	42	5
FEB.											
07...	<1	ND	1	1	1	2	.9	2	ND	53	7
MAR.											
20...	1	1	1	3	<1	1	<.2	3	ND	44	7
APR.											
29...	<1	ND	2	--	1	--	<.2	--	--	34	10
JUNE											
17...	<1	ND	1	--	<1	--	<.2	--	--	45	10
JULY											
22...	<1	<1	1	--	ND	--	.2	--	--	52	9
SEP.											
02...	<1	ND	1	--	<1	--	.2	--	--	50	10

02420000 Alabama River near Montgomery, Ala.
(National stream-quality accounting network station)

LOCATION.--Lat 32°24'41", long 86°24'30", in NW¼ sec. 31, T. 17 N., R. 17 E., Montgomery County, at bridge on U.S. Highway 31, 4 mi (6 km) upstream from Autauga Creek, 6 mi (10 km) northwest of Montgomery, and at mile 287.6 (462.7 km).

DRAINAGE AREA.--15,100 mi^2 (39,100 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: August 1969 to September 1973, September 1974 to September 1975. Water temperatures: July to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1968-69. No specific conductance or temperature data for Sept. 6-29 due to recorder malfunction.

CHEMICAL ANALYSES, SEPTEMBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DISSOLVED IRON (FE) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	SUSPENDED MANGANESE (MN) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)
SEP., 1974										
19...	--	7.2	--	130	--	--	0	8.1	2.8	5.2
NOV.										
01...	--	6.7	--	0	--	--	36	8.1	3.8	6.9
27...	--	7.4	--	210	--	--	21	8.2	3.7	6.9
DEC.										
18...	--	7.6	--	10	--	--	66	8.7	3.9	7.2
JAN., 1975										
21...	34200	8.2	--	--	--	--	--	6.2	2.0	3.7
FEB.										
25...	68500	6.5	--	--	--	--	--	7.4	2.1	2.9
MAR.										
19...	129000	6.3	--	--	--	--	--	7.7	2.0	2.9
APR.										
14...	50400	6.7	--	--	--	--	--	5.7	2.0	2.6
MAY										
22...	68500	6.9	--	--	--	--	--	7.4	2.2	3.1
JUNE										
10...	15600	--	1100	100	60	0	70	--	--	--
JULY										
08...	63900	4.5	2900	30	260	210	50	13	3.7	4.9
AUG.										
07...	33900	5.9	--	--	--	--	--	10	3.0	4.5
SEP.										
05...	21000	6.7	370	10	70	40	30	10	3.1	5.0
30...	30800	6.3	740	70	30	20	10	9.5	2.8	4.2

DATE	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)
SEP., 1974										
19...	1.4	34	5.1	4.7	.1	--	.32	--	--	.06
NOV.										
01...	2.1	47	6.2	5.8	.1	.13	--	--	--	--
27...	2.1	48	6.6	6.0	.0	.15	--	--	--	--
DEC.										
18...	2.2	48	8.0	6.6	.1	.20	--	--	--	--
JAN., 1975										
21...	1.3	27	5.8	3.1	.1	--	.22	.24	.46	.06
FEB.										
25...	1.0	30	5.2	2.2	.1	--	.23	.35	.58	.08
MAR.										
19...	1.1	29	4.6	1.6	.2	--	.22	.26	.48	.07
APR.										
14...	1.0	24	4.1	2.8	.1	--	.22	.28	.50	.04
MAY										
22...	.9	34	4.7	2.8	.1	--	.17	.34	.51	.01
JUNE										
10...	--	32	--	--	--	--	.16	.15	.31	.05
JULY										
08...	1.2	49	7.6	4.6	.1	--	.10	.36	.46	.05
AUG.										
07...	1.4	42	6.8	3.9	.2	--	.12	.35	.47	.05
SEP.										
05...	1.3	46	5.8	4.7	.1	--	.11	.87	.98	.03
30...	1.5	40	6.2	3.9	.1	--	.18	.28	.46	.06

02420000 Alabama River near Montgomery, Ala.--Continued

CHEMICAL ANALYSES, SEPTEMBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)
SEP., 1974										
19...	52	--	32	4	.4	92	7.2	25.0	--	7.7
NOV.										
01...	64	--	36	0	.5	115	7.1	20.0	--	11.2
27...	66	--	36	0	.5	111	7.1	15.0	--	10.4
DEC.										
18...	69	--	38	0	.5	117	7.8	10.0	--	--
JAN., 1975										
21...	44	3140	24	2	.3	78	7.0	9.0	20	11.3
FEB.										
25...	45	9250	27	3	.2	79	6.7	11.5	30	10.2
MAR.										
19...	43	18100	27	4	.2	71	7.3	12.5	40	11.3
APR.										
14...	39	7350	22	3	.2	60	6.8	14.0	20	10.2
MAY										
22...	47	8510	28	0	.3	93	7.0	22.0	15	8.6
JUNE										
10...	--	--	--	--	--	100	6.3	24.0	--	7.1
JULY										
08...	64	10900	48	8	.3	155	7.2	27.5	30	6.8
AUG.										
07...	59	4670	37	3	.3	100	7.2	26.5	20	6.8
SEP.										
05...	64	3630	38	0	.4	98	7.4	28.0	5	6.3
30...	56	4990	35	2	.3	100	7.3	21.0	15	8.4

DATE	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M	TOTAL PHYTO-PLANK-TON (CELLS PER ML)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
SEP., 1974									
19...	--	--	--	--	--	--	--	--	--
NOV.									
01...	--	--	--	--	--	--	--	--	--
27...	--	--	--	--	--	--	--	--	--
DEC.									
18...	--	--	--	--	--	--	--	--	--
JAN., 1975									
21...	--	--	140	140	60	--	21	1940	88
FEB.									
25...	--	--	460	120	120	--	33	6100	85
MAR.									
19...	--	--	480	410	530	--	61	21200	73
APR.									
14...	--	--	870	830	1200	--	39	5310	84
MAY									
22...	--	--	--	300	24	--	16	2960	97
JUNE									
10...	2.4	2.6	350	4000	25	27	12	505	75
JULY									
08...	--	--	400	160	120	25	116	20000	79
AUG.									
07...	--	--	360	1700	100	--	24	2200	97
SEP.									
05...	32	45	350	76	4	8.2	16	907	88
30...	.00	.10	1100	92	34	4.8	17	1410	89

02420000 Alabama River near Montgomery, Ala.--Continued

CHEMICAL ANALYSES, SEPTEMBER 1974 TO SEPTEMBER 1975--Continued

DATE	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)	SUS-PENDED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)	SUS-PENDED COBALT (CO) (UG/L)
SEP., 1974											
19...	--	--	1	--	--	<1	--	--	<1	--	--
NOV.											
01...	--	--	<1	--	--	<1	--	--	<1	--	--
27...	--	--	3	--	--	<1	--	--	<1	--	--
DEC.											
18...	--	--	1	--	--	1	--	--	<1	--	--
JAN., 1975											
21...	--	--	2	--	--	1	--	--	1	--	--
JUNE											
10...	--	--	0	4	2	2	<10	<10	0	0	0
JULY											
08...	1	1	0	2	2	0	<10	<10	0	2	2
SEP.											
05...	--	--	1	0	0	0	<10	<10	0	0	0
30...	2	1	1	0	0	0	<10	<10	0	0	0

DATE	DIS-SOLVED COBALT (CD) (UG/L)	TOTAL COPPER (CU) (UG/L)	SUS-PENDED COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)
SEP., 1974										
19...	1	--	--	1	--	--	3	3	--	--
NOV.										
01...	1	--	--	2	--	--	3	3	--	--
27...	1	--	--	1	--	--	1	3	--	--
DEC.										
18...	2	--	--	2	--	--	2	3	--	--
JAN., 1975										
21...	1	--	--	2	--	--	1	2	--	--
JUNE										
10...	4	9	6	3	44	38	6	--	.0	.0
JULY										
08...	0	13	12	1	20	20	0	--	.2	.1
SEP.										
05...	0	6	6	0	0	0	0	--	--	--
30...	0	11	9	2	17	17	0	--	.1	.0

DATE	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	SUS-PENDED SELE-NIUM (SE) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
SEP., 1974										
19...	.2	3	--	--	--	ND	51	--	--	12
NOV.										
01...	ND	3	--	--	--	ND	32	--	--	6
27...	.5	2	--	--	--	ND	73	--	--	8
DEC.										
18...	<.2	2	--	--	--	ND	23	--	--	7
JAN., 1975										
21...	<.2	2	--	--	--	ND	59	--	--	9
JUNE										
10...	.0	--	0	0	0	--	--	50	40	7
JULY										
08...	.1	--	--	--	1	--	--	80	80	0
SEP.										
05...	.1	--	--	--	0	--	--	20	20	1
30...	.1	--	0	0	0	--	--	50	50	3

02420000 Alabama River near Montgomery, Ala.--Continued

PHYTOPLANKTON ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	PERCENT COMPOSITION									
GENUS	Jan. 23	Feb. 24	Mar. 18	Apr. 17	May 12	June 3	July 7	Aug. 4	Sept. 4	Sept. 29
ACTINASTRUM	--	--	20	--	33	--	4	--	3	5
AGMENELLUM	--	--	--	--	--	--	21	--	--	--
ANABAENA	--	12	--	6	--	--	--	--	--	--
ANACYSTIS	--	10	40	--	--	30	--	--	33	--
CHLAMYDOMONAS	--	21	--	--	4	--	3	--	--	--
COELASTRUM	--	--	--	--	--	--	4	--	--	--
CYCLOTELLA	--	12	15	2	--	3	7	2	21	2
CYMBELLA	--	--	--	2	--	--	--	2	--	--
DICTYOSPHAERIUM	--	--	--	--	17	--	6	10	--	--
EUNOTIA	9	--	--	--	--	15	--	--	--	--
GOMPHONEMA	--	--	--	4	--	--	--	--	--	--
GYROSIGMA	9	--	--	--	--	--	--	--	--	--
HANTZSCHIA	9	--	--	2	--	--	--	--	--	--
LYNGBYA	--	5	--	--	--	--	--	--	7	--
MELOSIRA	--	5	--	6	--	3	2	--	2	2
MICRACTINIUM	--	--	--	--	25	--	--	--	--	1
NAVICULA	--	2	--	8	8	--	--	2	--	--
NITZSCHIA	--	17	20	8	4	5	2	5	--	5
OOCYSTIS	--	--	--	--	--	--	5	--	--	--
OSCILLATORIA	--	--	--	--	--	--	44	64	32	84
PEDIASTRUM	--	--	--	32	--	--	--	--	--	--
PINNULARIA	--	--	--	2	4	--	--	--	--	--
PLANKTOSPHAERIA	--	7	--	--	--	--	--	--	--	--
SCENEDESMUS	73	--	--	16	--	45	1	14	1	--
SELENESTRUM	--	10	--	--	--	--	--	--	--	--
STAURONEIS	--	--	--	2	--	--	--	--	--	--
SURIRELLA	--	--	--	4	--	--	--	--	--	--
SYNEDRA	--	--	5	6	--	--	--	--	--	--
TETRASTRUM	--	--	--	--	--	--	--	--	1	--
TRACHELOMONAS	--	--	--	--	4	--	--	--	--	--

02420000 Alabama River near Montgomery, Ala.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), JULY TO SEPTEMBER 1975

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	88	62	101	88
2	---	---	---	---	---	---	---	---	87	83	93	67
3	---	---	---	---	---	---	---	---	83	63	94	60
4	---	---	---	---	---	---	---	---	85	74	106	80
5	---	---	---	---	---	---	---	---	90	68	98	82
6	---	---	---	---	---	---	---	---	91	85	---	---
7	---	---	---	---	---	---	---	---	101	85	---	---
8	---	---	---	---	---	---	---	---	93	81	---	---
9	---	---	---	---	---	---	---	---	88	85	---	---
10	---	---	---	---	---	---	---	---	89	84	---	---
11	---	---	---	---	---	---	---	---	95	84	---	---
12	---	---	---	---	---	---	---	---	95	90	---	---
13	---	---	---	---	---	---	---	---	92	81	---	---
14	---	---	---	---	---	---	---	---	87	73	---	---
15	---	---	---	---	---	---	---	---	86	79	---	---
16	---	---	---	---	---	---	---	---	89	83	---	---
17	---	---	---	---	---	---	---	---	93	87	---	---
18	---	---	---	---	---	---	---	---	97	63	---	---
19	---	---	---	---	---	---	---	---	100	91	---	---
20	---	---	---	---	---	---	---	---	101	95	---	---
21	---	---	---	---	---	---	---	---	106	94	---	---
22	---	---	---	---	---	---	---	---	103	87	---	---
23	---	---	---	---	---	---	93	90	103	88	---	---
24	---	---	---	---	---	---	98	90	104	89	---	---
25	---	---	---	---	---	---	98	85	98	79	---	---
26	---	---	---	---	---	---	85	77	81	65	---	---
27	---	---	---	---	---	---	85	77	104	81	---	---
28	---	---	---	---	---	---	86	74	112	101	---	---
29	---	---	---	---	---	---	96	80	105	87	---	---
30	---	---	---	---	---	---	89	85	107	95	103	100
31	---	---	---	---	---	---	89	69	105	88	---	---
MONTH	---	---	---	---	---	---	---	---	112	62	---	---

TEMPERATURE (DEG. C) OF WATER, JULY TO SEPTEMBER 1975

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	25.0	24.0	29.5	28.5
2	---	---	---	---	---	---	---	---	26.0	25.0	29.0	28.0
3	---	---	---	---	---	---	---	---	25.5	25.0	28.5	27.5
4	---	---	---	---	---	---	---	---	26.5	25.5	29.0	28.0
5	---	---	---	---	---	---	---	---	26.5	25.5	29.0	28.5
6	---	---	---	---	---	---	---	---	26.5	26.0	---	---
7	---	---	---	---	---	---	---	---	27.0	25.5	---	---
8	---	---	---	---	---	---	---	---	26.5	26.0	---	---
9	---	---	---	---	---	---	---	---	26.5	26.0	---	---
10	---	---	---	---	---	---	---	---	26.5	26.0	---	---
11	---	---	---	---	---	---	---	---	26.5	26.0	---	---
12	---	---	---	---	---	---	---	---	27.0	26.5	---	---
13	---	---	---	---	---	---	---	---	26.5	26.5	---	---
14	---	---	---	---	---	---	---	---	27.0	26.0	---	---
15	---	---	---	---	---	---	---	---	27.0	26.5	---	---
16	---	---	---	---	---	---	---	---	27.5	27.0	---	---
17	---	---	---	---	---	---	---	---	28.0	27.0	---	---
18	---	---	---	---	---	---	---	---	27.5	26.5	---	---
19	---	---	---	---	---	---	---	---	28.0	27.5	---	---
20	---	---	---	---	---	---	---	---	28.0	28.0	---	---
21	---	---	---	---	---	---	---	---	28.5	28.0	---	---
22	---	---	---	---	---	---	---	---	29.0	28.0	---	---
23	---	---	---	---	---	---	27.0	27.0	29.0	28.0	---	---
24	---	---	---	---	---	---	27.0	26.5	29.0	28.0	---	---
25	---	---	---	---	---	---	27.0	26.5	30.0	28.0	---	---
26	---	---	---	---	---	---	26.5	26.0	28.5	28.0	---	---
27	---	---	---	---	---	---	26.5	25.5	29.5	28.5	---	---
28	---	---	---	---	---	---	26.5	26.0	29.0	28.5	---	---
29	---	---	---	---	---	---	27.0	26.5	29.0	28.0	---	---
30	---	---	---	---	---	---	26.5	26.0	30.0	28.5	21.5	21.5
31	---	---	---	---	---	---	26.0	24.5	29.0	28.5	---	---
MONTH	---	---	---	---	---	---	---	---	30.0	24.0	---	---

02421000 Catoma Creek near Montgomery, Ala.

LOCATION.--Lat 32°18'26", long 86°17'58", in center sec. 6, T. 15 N., R. 18 E., Montgomery County, at gaging station, on right bank on downstream side of bridge on U.S. Highway 331, 5 mi (8 km) south of Montgomery.

DRAINAGE AREA.--298 mi^2 (772 km^2).

PERIOD OF RECORD.--Chemical analyses: January 1972 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1968, 1969, and 1971.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
29...	5.6	6.6	430	57	43	2.0	4.5	3.0	130	0	11	6.8
NOV.												
25...	26	8.1	690	25	26	1.8	3.9	4.5	72	0	13	8.2
DEC.												
18...	331	7.0	170	90	20	1.9	4.1	3.3	50	0	15	10
MAR.												
21...	3000	4.9	150	0	14	.8	1.9	1.6	42	0	4.6	3.2
APR.												
30...	62	7.6	120	24	35	1.7	5.9	2.2	96	0	16	9.0
JUNE												
18...	89	7.8	340	20	23	1.3	3.5	2.1	72	0	8.2	4.8
JULY												
28...	688	5.5	390	ND	11	.7	2.5	2.0	31	0	5.0	3.8
SEP.												
02...	10	4.8	150	57	50	2.2	5.4	2.4	160	0	9.2	7.6

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
29...	.1	.02	141	1.97	120	14	.2	250	7.2	16.5	10.3	1
NOV.												
25...	.1	.10	101	7.09	73	14	.2	165	7.2	12.5	11.6	ND
DEC.												
18...	.1	.08	87	92.1	58	17	.2	154	7.6	7.0	--	<1
MAR.												
21...	.1	.05	52	421	39	5	.1	89	7.5	15.0	8.2	<1
APR.												
30...	.1	.14	125	20.9	95	17	.3	222	7.5	20.0	6.7	1
JUNE												
18...	.2	.15	88	21.1	63	4	.2	167	7.4	24.0	7.8	1
JULY												
28...	.0	.10	46	85.4	31	6	.2	77	7.0	24.0	8.4	1
SEP.												
02...	.1	.03	161	4.52	130	0	.2	320	7.7	27.0	7.1	1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
29...	<1	<1	1	1	ND	10	ND	3	<1	220	7
NOV.											
25...	1	2	1	2	<1	6	ND	1	ND	160	9
DEC.											
18...	<1	<1	1	2	2	5	.4	2	ND	47	7
MAR.											
21...	1	1	1	2	1	3	.2	4	<1	110	7
APR.											
30...	<1	2	1	--	NO	--	<.2	--	--	200	11
JUNE											
18...	<1	2	<1	--	1	--	.2	--	--	130	18
JULY											
28...	1	<1	1	--	1	--	.3	--	--	95	14
SEP.											
02...	<1	ND	1	--	1	--	.3	--	--	290	20

02422000 Big Swamp Creek near Lowndesboro, Ala.

LOCATION.--Lat 32°16'00", long 86°41'40", in NE¼ sec. 19, T. 15 N., R. 14 E., Lowndes County, at gaging station, on right bank at upstream side of bridge on U.S. Highway 80, 1 mi (1.6 km) downstream from Panther Creek, 5 mi (8 km) west of Lowndesboro, and 12 mi (19 km) upstream from mouth.

DRAINAGE AREA.--247 mi^2 (640 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1970 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1968, 1969, and 1970.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
29...	50	7.4	130	90	62	2.9	6.8	3.9	190	0	14	9.8
NOV.												
25...	74	8.2	480	30	55	2.6	5.4	3.9	150	0	23	11
DEC.												
16...	621	7.5	40	35	51	1.9	5.8	3.4	130	0	27	10
FEB.												
12...	150	7.5	120	15	65	2.2	7.1	2.2	180	0	28	9.0
MAR.												
21...	1530	4.7	140	0	25	1.1	2.0	1.5	71	0	6.8	3.2
MAY												
05...	44	7.2	80	0	54	2.2	6.0	2.5	150	0	24	7.6
JUNE												
18...	59	7.7	110	17	47	1.8	5.1	2.5	140	0	16	6.2
JULY												
28...	649	5.6	130	ND	24	1.0	2.3	2.3	71	0	6.8	3.4
SEP.												
03...	2.8	7.1	120	79	59	2.7	6.3	3.2	190	0	9.6	8.6

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
29...	.2	.04	201	29.7	170	15	.2	371	7.3	16.0	5.7	1
NOV.												
25...	.2	.06	184	36.8	150	27	.2	310	7.5	12.0	9.9	1
DEC.												
16...	.2	.06	171	334	140	34	.2	298	7.7	9.0	11.3	2
FEB.												
12...	.1	.07	211	85.5	170	23	.2	361	7.8	11.0	10.0	ND
MAR.												
21...	.1	.05	80	330	67	9	.1	142	7.6	15.5	11.2	<1
MAY												
05...	.2	.16	178	21.2	140	17	.2	325	7.8	19.5	7.1	ND
JUNE												
18...	.3	.17	157	25.0	130	16	.2	310	7.9	24.0	7.1	1
JULY												
28...	.1	.12	81	142	64	6	.1	153	7.3	24.0	7.1	2
SEP.												
03...	.1	.20	192	1.48	160	5	.2	370	7.4	26.5	4.2	2

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
29...	<1	ND	1	1	ND	16	ND	3	<1	350	8
NOV.											
25...	<1	2	1	1	ND	13	.3	2	ND	290	8
DEC.											
16...	<1	<1	1	2	1	12	<.2	2	ND	250	9
FEB.											
12...	<1	<1	1	2	<1	14	ND	3	ND	330	8
MAR.											
21...	<1	1	1	3	ND	3	<.2	4	ND	140	6
MAY											
05...	<1	1	1	--	ND	--	<.2	--	--	310	16
JUNE											
18...	1	1	<1	--	1	--	<.2	--	--	250	23
JULY											
28...	<1	1	1	--	1	--	<.2	--	--	130	10
SEP.											
03...	<1	<1	1	--	<1	--	1.0	--	--	330	20

02423000 Alabama River at Selma, Ala.

LOCATION.--Lat 32°24'20", long 87°01'07", in SE¼ sec. 36, T. 17 N., R. 10 E., Dallas County, at gaging station in first pier from right bank of Edmund Pettus Bridge on U.S. Highway 80, in Selma, 1 mi (1.6 km) upstream from Valley Creek, and at mile 214.8 (345.6 km).

DRAINAGE AREA.--17,100 mi^2 (44,300 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: Water years 1965-67 (partial-record station), August 1969 to September 1973.
Water temperatures: October 1955 to November 1956, June 1962 to September 1972, April to September 1975. June to September 1962, unpublished.

EXTREMES.--1974-75.
Water temperatures: Maximum, 29.5° C on several days during August and September.

Period of record:
Water temperatures: Maximum (1962-71, 1974-75), 30.0° C on several days in 1963, 1966, and 1969; minimum (1962-71), 6.0° C on several days in 1963 and 1964.

REMARKS.--Miscellaneous samples of chemical data published for water year 1968. No temperature data for Aug. 11-12 due to recorder malfunction.

TEMPERATURE (DEG. C) OF WATER, APRIL TO SEPTEMBER 1975

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	20.0	19.5	25.5	24.5	27.5	27.0	25.5	25.0	29.0	29.0
2	---	---	20.5	20.0	25.5	25.0	27.0	27.0	25.5	25.5	29.5	29.0
3	---	---	20.5	20.0	25.5	25.0	27.0	27.0	25.5	25.0	29.5	29.0
4	---	---	20.5	20.0	25.0	25.0	27.0	27.0	25.5	25.0	29.5	29.0
5	---	---	20.5	20.0	25.0	25.0	27.5	27.0	26.0	25.5	29.0	29.0
6	---	---	20.0	19.5	25.0	24.5	27.5	27.5	26.5	26.0	29.0	28.5
7	---	---	20.0	19.5	25.0	24.5	27.5	27.5	26.5	26.0	28.5	28.0
8	15.5	15.0	20.0	19.5	25.5	25.0	27.5	26.5	26.5	26.5	28.0	27.5
9	15.5	15.0	20.0	20.0	25.5	25.0	27.0	26.5	26.5	26.0	28.5	27.5
10	15.5	15.0	20.0	19.5	25.5	25.0	27.0	27.0	26.5	26.0	28.5	28.5
11	15.5	15.0	20.0	19.5	25.5	25.5	27.0	25.5	---	---	28.5	28.5
12	15.5	15.5	21.0	20.0	26.0	25.5	25.5	25.0	---	---	28.5	28.0
13	15.5	15.5	21.5	21.0	26.0	25.5	26.0	25.5	27.0	26.5	28.0	27.5
14	15.5	14.5	21.5	21.0	26.0	25.5	26.0	26.0	27.5	27.0	27.5	27.5
15	15.0	14.5	21.5	21.5	25.5	25.5	26.5	26.0	27.5	27.0	27.5	26.5
16	15.0	14.5	22.0	21.5	25.5	25.0	26.5	26.5	27.5	27.0	27.0	26.0
17	15.0	14.5	22.5	22.0	25.5	25.5	27.0	26.5	27.5	27.5	27.0	26.5
18	16.0	15.0	22.0	21.5	26.0	25.5	27.0	26.5	28.0	27.5	26.5	26.5
19	16.5	16.0	22.5	21.5	26.0	26.0	27.5	27.0	28.0	27.5	26.5	26.5
20	17.0	16.5	22.5	22.0	26.0	26.0	27.0	27.0	28.0	28.0	26.5	26.5
21	17.5	17.0	22.5	22.5	26.0	25.5	27.5	27.0	28.5	28.0	26.5	26.0
22	17.5	17.0	23.0	22.5	26.5	25.5	27.5	27.0	28.5	28.0	26.0	25.0
23	18.0	17.5	23.5	23.0	27.0	26.5	27.0	27.0	28.5	28.5	25.0	24.0
24	18.0	18.0	24.0	23.5	27.5	26.5	27.5	27.0	29.0	28.5	24.5	22.5
25	18.5	18.0	24.5	24.0	27.0	26.5	27.5	27.5	29.5	28.5	23.5	22.5
26	19.0	18.5	25.0	24.5	27.5	27.0	27.5	27.5	29.5	29.0	22.5	21.0
27	19.5	18.5	24.5	24.0	27.0	27.0	27.5	27.5	29.5	29.0	21.0	21.0
28	19.5	19.0	25.0	24.5	27.5	27.0	27.5	27.0	29.0	29.0	21.5	21.0
29	19.5	19.0	25.0	25.0	27.5	27.0	27.0	27.0	29.0	29.0	21.5	21.0
30	19.5	19.0	25.0	24.5	27.0	27.0	27.0	26.0	29.5	29.0	21.5	21.5
31	---	---	25.0	24.5	---	---	26.0	25.5	29.5	29.0	---	---
MONTH	---	---	25.0	19.5	27.5	24.5	27.5	25.0	29.5	25.0	29.5	21.0

02423630 Shades Creek near Greenwood, Ala.

LOCATION.--Lat 33°19'34", long 86°56'59", in W½ sec. 3, T. 20 S., R. 4 W., Jefferson County, at gaging station near left bank on downstream side of bridge on county road, 1.4 mi (2.3 km) southwest of Greenwood, 5.5 mi (8.8 km) south of Bessemer, and at mile 20.8 (33.5 km).

DRAINAGE AREA.--72.4 mi^2 (187.5 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1969 to September 1970 (partial-record station), October 1970 to September 1975.
Water temperatures: October 1969 to September 1975.

EXTREMES.--1974-75.
Water temperatures: Maximum, 26.5° C July 26, Aug. 16, 25; minimum, 5.0° C Dec. 4-5.

Period of record:
Water temperatures: Maximum, 28.5° C July 25, 1972; minimum, 2.5° C Jan. 9, 10, 1970.

REMARKS.--Miscellaneous samples of chemical data published for water years 1967 and 1969. No temperature data Feb. 9-10, Mar. 11-Apr. 2 and Sept. 15-30 because of recorder malfunction.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
22...	23	8.6	70	79	30	6.4	24	7.1	120	0	34	16
NOV.												
21...	155	5.9	220	130	15	3.7	9.1	4.1	55	0	23	5.2
JAN.												
07...	150	10	20	200	20	4.0	9.9	2.9	66	0	25	6.0
FEB.												
05...	1880	7.9	30	46	10	2.2	2.9	1.7	25	0	15	2.6
MAR.												
13...	71	5.3	30	40	19	4.7	13	3.0	72	0	24	7.8
APR.												
24...	82	9.2	180	60	17	4.4	12	3.1	70	0	18	6.4
MAY												
29...	56	7.7	100	14	21	4.1	10	5.0	70	0	24	5.6
JUNE												
27...	25	7.1	90	160	29	5.5	22	5.6	100	0	28	16
SEP.												
09...	32	5.6	40	220	22	3.5	7.4	3.8	62	6	16	5.8

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
22...	.1	2.2	195	13.2	100	2	1.0	342	6.9	11.0	9.7	4
NOV.												
21...	.2	.72	96	40.2	53	8	.5	162	7.3	14.5	7.2	3
JAN.												
07...	.1	.70	115	43.7	67	13	.5	181	7.3	8.0	11.0	1
FEB.												
05...	.0	.22	55	289	34	14	.2	85	6.9	9.0	10.2	<1
MAR.												
13...	.6	1.1	117	22.4	67	8	.7	212	7.1	15.0	7.2	3
APR.												
24...	.0	1.8	113	25.0	61	3	.7	190	7.2	16.0	7.3	3
MAY												
29...	.4	1.8	120	18.1	70	13	.5	196	6.6	22.0	3.9	4
JUNE												
27...	.2	4.1	180	12.1	95	13	1.0	300	7.1	22.5	5.0	4
SEP.												
09...	.1	1.9	110	9.50	70	19	.4	180	8.8	24.0	3.6	3

02423630 Shades Creek near Greenwood, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
22...	<1	1	1	1	1	12	<.2	3	1	130	10
NOV.											
21...	<1	ND	1	3	ND	5	<.2	2	<1	71	6
JAN.											
07...	1	<1	1	<1	ND	5	<.2	2	ND	39	7
FEB.											
05...	<1	ND	1	3	1	3	<.2	4	ND	64	7
MAR.											
13...	<1	ND	2	ND	1	10	.5	6	ND	86	8
APR.											
24...	<1	ND	1	--	2	6	<.2	--	--	72	10
MAY											
29...	<1	1	1	--	<1	--	.2	--	--	94	15
JUNE											
27...	<1	ND	1	--	2	--	.2	--	--	110	10
SEP.											
09...	1	ND	1	--	ND	--	<.2	--	--	70	20

02423630 Shades Creek near Greenwood, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	19.0	17.5	18.5	17.0	7.5	6.5	15.0	14.0	15.5	15.0	12.5	11.0
2	18.0	17.0	18.5	17.0	7.0	6.5	14.0	11.0	15.5	15.0	11.5	10.0
3	17.0	15.5	19.0	17.0	7.0	6.0	11.0	10.0	15.0	11.0	10.0	9.0
4	15.5	14.0	18.5	17.0	6.5	5.0	10.0	9.5	11.5	9.5	9.0	8.0
5	15.0	14.0	18.5	17.0	6.5	5.0	9.5	8.5	11.5	11.0	9.5	7.5
6	15.0	14.0	17.0	15.0	6.0	5.5	9.0	8.0	11.0	9.0	10.0	8.0
7	15.5	14.5	15.0	14.0	8.5	6.0	10.0	8.5	9.0	7.5	12.5	10.0
8	16.0	15.0	14.0	13.0	10.0	8.5	11.0	9.5	9.0	8.0	13.0	11.5
9	16.0	15.0	14.0	12.0	9.5	8.0	12.0	11.0	---	---	12.0	10.5
10	16.0	15.0	13.5	12.0	8.0	6.5	14.5	12.0	---	---	10.5	10.0
11	16.5	15.5	14.5	12.5	7.5	6.5	14.0	12.5	10.5	8.0	---	---
12	17.0	16.0	13.5	12.0	8.5	7.0	12.5	8.0	12.0	10.5	---	---
13	18.0	17.0	12.0	10.5	8.5	7.5	8.0	7.5	12.0	11.0	---	---
14	18.5	17.5	11.0	9.5	8.0	7.0	7.5	6.5	11.0	9.5	---	---
15	19.0	18.5	10.0	8.5	8.5	8.0	7.5	6.5	11.5	10.0	---	---
16	19.0	18.0	9.5	7.5	9.0	8.0	8.5	7.0	13.5	11.5	---	---
17	18.0	16.0	10.0	9.0	8.0	6.5	9.5	8.0	15.0	12.5	---	---
18	16.0	15.0	12.0	10.0	6.5	5.5	11.0	9.0	14.0	10.0	---	---
19	16.0	15.0	14.5	12.0	7.0	6.0	12.0	11.0	14.0	13.0	---	---
20	15.0	14.0	17.0	14.5	9.0	7.0	12.0	9.5	13.0	11.5	---	---
21	14.0	13.5	16.0	13.5	9.5	8.5	9.5	8.0	11.5	10.5	---	---
22	14.0	13.0	13.5	11.5	8.5	7.5	9.0	7.5	13.5	11.5	---	---
23	14.0	13.0	12.0	11.0	10.0	8.0	10.0	9.0	15.0	13.5	---	---
24	14.0	13.0	12.0	10.5	13.0	10.0	10.5	10.0	14.5	12.0	---	---
25	14.0	13.0	12.0	10.5	13.5	12.0	13.0	10.5	12.0	10.5	---	---
26	14.5	13.5	10.5	9.5	12.0	10.5	11.5	10.5	11.5	10.0	---	---
27	15.0	14.0	9.5	8.5	11.5	10.5	12.0	10.5	12.5	11.0	---	---
28	16.0	14.5	8.5	7.5	13.0	11.5	13.5	12.0	12.5	11.5	---	---
29	16.5	16.0	8.0	6.5	14.0	13.0	15.0	13.5	---	---	---	---
30	18.0	16.0	7.5	7.0	15.0	14.0	15.5	14.5	---	---	---	---
31	18.5	16.5	---	---	15.0	15.0	15.5	15.0	---	---	---	---
MONTH	19.0	13.0	19.0	6.5	15.0	5.0	15.5	6.5	15.5	7.5	---	---

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	20.0	19.0	23.0	22.0	24.5	24.0	23.0	22.5	25.5	23.5
2	---	---	20.5	19.5	23.0	21.5	25.0	24.0	23.5	22.5	25.0	23.5
3	16.0	14.5	20.0	20.0	22.5	21.0	25.5	24.0	24.5	23.5	25.0	23.0
4	14.5	12.0	20.5	19.5	23.0	21.0	25.5	24.0	25.0	24.5	25.5	23.5
5	13.0	12.0	19.5	18.5	23.5	21.5	25.5	24.0	25.0	24.0	25.0	23.5
6	13.5	12.5	18.5	18.0	23.0	22.0	25.5	24.0	25.0	24.0	24.5	23.5
7	14.0	13.0	19.0	18.0	23.5	22.0	24.5	22.5	24.5	23.5	24.5	23.5
8	14.5	14.0	19.5	19.0	24.0	22.5	23.0	22.5	24.0	23.0	24.5	23.5
9	15.0	14.0	19.5	19.0	23.5	23.0	24.5	23.0	24.0	23.0	25.0	23.5
10	16.0	15.0	20.5	19.5	24.0	23.0	24.0	23.5	24.0	23.0	25.0	23.5
11	16.5	15.5	20.5	20.0	24.0	23.5	24.5	23.5	24.5	23.0	25.0	23.5
12	16.0	15.0	21.0	19.5	24.0	23.0	24.5	23.0	25.0	23.5	25.5	23.5
13	15.0	13.5	21.0	20.0	23.0	22.5	23.5	22.5	25.5	24.0	23.5	21.5
14	13.5	12.5	21.0	20.0	23.5	22.0	23.5	22.0	26.0	24.0	21.5	20.0
15	14.5	12.5	21.0	20.0	22.5	22.0	24.0	22.5	26.0	24.5	---	---
16	15.0	14.0	20.5	20.0	23.5	22.0	24.5	23.0	26.5	25.0	---	---
17	16.0	14.5	20.5	19.5	24.5	23.0	25.0	23.5	25.5	24.5	---	---
18	18.0	16.0	20.5	20.0	25.5	23.5	25.0	24.0	25.5	24.0	---	---
19	18.0	18.0	20.5	20.0	25.5	24.0	26.0	24.5	25.0	24.0	---	---
20	18.0	16.0	21.0	20.5	24.5	23.5	25.5	24.0	25.5	24.0	---	---
21	16.0	15.0	22.5	21.0	24.5	23.0	25.5	24.0	26.0	24.5	---	---
22	16.5	15.0	23.0	21.5	24.5	23.0	24.5	24.0	26.0	24.5	---	---
23	17.0	15.5	23.0	22.0	24.5	23.0	25.5	24.5	26.0	24.5	---	---
24	18.5	16.5	23.5	22.0	24.5	22.5	26.0	24.5	26.0	24.5	---	---
25	20.0	18.0	24.0	22.0	24.5	22.5	26.0	25.0	26.5	24.5	---	---
26	20.5	19.5	24.0	22.5	24.0	22.5	26.5	24.5	26.0	24.5	---	---
27	21.0	20.5	25.0	22.5	24.0	22.0	25.5	25.0	26.0	25.0	---	---
28	21.5	20.5	23.0	22.0	24.5	23.0	26.0	24.5	26.0	24.5	---	---
29	20.5	20.0	23.5	22.0	24.5	23.5	25.5	25.0	25.5	24.5	---	---
30	20.0	19.0	23.0	22.5	25.0	23.5	25.0	24.0	25.5	24.0	---	---
31	---	---	23.0	22.5	---	---	24.0	23.0	25.5	24.0	---	---
MONTH	21.5	12.0	25.0	18.0	25.5	21.0	26.5	22.0	26.5	22.5	---	---

02424000 Cahaba River at Centreville, Ala.

LOCATION.--Lat 32°56'42", long 87°08'21", in E½ sec. 26, T. 23 N., R. 9 E., Bibb County, at gaging station, on left bank 60 ft (18 m) downstream from bridge on U.S. Highway 82, 0.2 mi (0.3 km) west of Centreville, 0.5 mi (0.8 km) upstream from Gulf, Mobile & Ohio Railroad bridge, 2.5 mi (4.0 km) upstream from Sandy Creek, and at mile 81.2 (130.6 km).

DRAINAGE AREA.--1,029 mi^2 (2,665 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1970 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1965, 1966, and 1968.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
29...	316	3.5	0	40	29	11	4.6	2.1	130	0	17	3.0
NOV.												
22...	1070	7.3	190	17	25	7.2	8.1	3.4	98	0	21	7.2
JAN.												
06...	2100	8.6	10	63	16	5.2	3.7	2.0	63	0	17	2.4
27...	12700	4.0	150	39	11	3.0	2.8	1.8	35	0	14	2.0
MAR.												
21...	4610	7.5	20	7	14	4.5	2.8	1.5	46	0	14	2.4
JUNE												
06...	600	5.3	30	6	26	9.4	3.6	1.4	120	0	10	2.6
26...	591	3.4	50	ND	27	9.6	4.2	1.8	120	0	17	1.0
SEP.												
12...	782	6.1	40	ND	24	7.5	4.2	2.5	100	0	15	4.0

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
29...	.1	.41	136	111	120	12	.2	259	7.6	16.0	13.0	1
NOV.												
22...	.1	.70	130	361	92	12	.4	228	7.4	12.0	10.8	<1
JAN.												
06...	.1	.38	88	522	62	11	.2	147	7.8	9.0	11.3	ND
27...	.1	.34	57	2230	40	12	.2	100	6.9	11.0	11.0	1
MAR.												
21...	.0	.16	70	871	51	14	.2	116	7.4	13.0	10.6	3
JUNE												
06...	.0	.32	119	193	100	2	.2	229	7.1	24.5	9.4	1
26...	.0	.38	125	199	110	12	.2	242	7.5	25.0	9.3	3
SEP.												
12...	.0	.54	115	243	91	9	.2	210	7.9	25.0	8.5	1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
29...	<1	ND	1	1	ND	8	<.2	3	<1	75	9
NOV.											
22...	<1	ND	1	1	1	7	.2	2	ND	100	13
JAN.											
06...	1	<1	2	<1	ND	4	<.2	2	1	51	7
27...	<1	ND	1	2	ND	3	<.2	1	ND	65	15
MAR.											
21...	<1	ND	1	2	ND	4	<.2	3	<1	54	6
JUNE											
06...	<1	2	1	--	ND	--	<.2	--	--	75	9
26...	<1	ND	1	--	ND	--	<.2	--	--	63	24
SEP.											
12...	<1	<1	1	--	ND	--	<.2	--	--	80	30

02427700 Turkey Creek at Kimbrough, Ala.

LOCATION.--Lat 32°01'15", long 87°33'30", in SE¼ sec. 10, T. 12 N., R. 5 E., Wilcox County, at gaging station, on right bank on upstream side of bridge on county road, 0.3 mi (0.5 km) upstream from Southern Railway bridge, 0.6 mi (1.0 km) downstream from State Highway 5, 1 mi (1.6 km) south of Kimbrough, and 2 mi (3.2 km) upstream from mouth.

DRAINAGE AREA.--114 mi^2 (295 km^2).

PERIOD OF RECORD.--Chemical analyses: July 1972 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1965, 1966, 1967, 1969, and 1971.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
21...	28	14	390	53	8.1	2.4	5.1	2.0	30	0	8.6	5.2
NOV.												
19...	57	13	500	28	5.9	2.1	4.4	1.9	26	0	7.2	5.2
DEC.												
20...	211	14	160	48	6.9	3.3	5.6	1.8	21	0	21	6.4
JAN.												
16...	240	16	130	2	12	2.1	4.8	1.4	34	0	14	4.4
FEB.												
21...	4370	16	80	44	6.3	2.2	3.9	1.3	19	0	11	5.6
MAR.												
28...	647	16	230	70	11	2.8	4.5	1.3	34	0	13	3.6
MAY												
05...	66	14	520	51	9.6	2.4	4.9	1.5	34	0	8.4	4.4
JUNE												
18...	46	15	740	74	9.5	2.8	5.5	1.5	38	0	10	4.6
JULY												
29...	12	13	420	120	8.7	2.4	5.7	1.5	40	0	4.8	5.4
SEP.												
03...	21	12	560	100	9.2	2.6	5.9	1.5	46	0	5.2	4.6

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
21...	.0	.06	61	5.14	30	6	.4	98	7.2	13.0	9.8	1
NOV.												
19...	.1	.07	53	8.46	23	2	.4	74	7.2	13.0	10.3	1
DEC.												
20...	.0	.05	69	39.3	31	14	.4	100	7.3	9.0	10.2	ND
JAN.												
16...	.0	.07	72	47.3	39	11	.3	98	6.8	7.0	11.2	2
FEB.												
21...	.0	.08	56	661	25	10	.3	72	6.6	11.5	9.5	ND
MAR.												
28...	.0	.90	73	128	39	11	.3	101	7.3	15.5	9.4	2
MAY												
05...	.0	.13	63	11.3	33	5	.4	97	6.4	20.0	8.4	1
JUNE												
18...	.0	.14	69	8.64	35	4	.4	104	7.3	26.0	9.8	1
JULY												
29...	.0	.11	62	2.01	32	0	.4	96	6.8	27.0	6.6	1
SEP.												
03...	.0	.04	64	3.68	34	0	.4	108	7.1	27.0	9.0	1

02427700 Turkey Creek at Kimbrough, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
21...	<1	<1	1	1	1	4	<.2	4	<1	130	6
NOV.											
19...	<1	<1	2	2	1	3	<.2	1	ND	89	5
DEC.											
20...	<1	ND	1	1	ND	4	ND	3	1	110	6
JAN.											
16...	<1	1	1	1	ND	4	<.2	2	ND	133	8
FEB.											
21...	<1	<1	1	2	1	4	<.2	3	ND	100	8
MAR.											
28...	<1	ND	1	1	<1	5	<.2	4	ND	150	ND
MAY											
05...	<1	1	1	--	<1	--	<.2	--	--	160	10
JUNE											
18...	<1	<1	1	--	<1	--	.3	--	--	130	8
JULY											
29...	<1	<1	1	--	2	--	<.2	--	--	130	35
SEP.											
03...	<1	<1	1	--	ND	--	.2	--	--	150	10

02429500 Alabama River at Claiborne, Ala.
(National stream-quality accounting network station)

LOCATION.--Lat 31°32'48", long 87°30'45", in sec. 25, T. 7 N., R. 5 E., Monroe County, at gaging station near left bank on downstream side of bridge on U.S. Highway 84 at Claiborne, 0.5 mi (0.8 km) downstream from Limestone Creek, 12 mi (19 km) west of Monroeville, and at mile 76.1 (122.4 km).

DRAINAGE AREA.--22,000 mi^2 (57,000 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: March 1966 to September 1968 (daily), October 1969 to September 1975 (monthly).
Water temperatures: March 1966 to September 1968, May 1974 to September 1975.

EXTREMES.--1974-75.
Water temperatures: Minimum, 9.0° C Jan. 17-19, 21-23.

REMARKS.--Miscellaneous samples of chemical data published for water year 1965. No specific conductance or temperature data for some days due to recorder malfunction.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DISSOLVED IRON (FE) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	SUSPENDED MANGANESE (MN) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)
OCT.										
23...	7120	7.3	780	150	45	30	15	9.6	2.4	6.1
NOV.										
26...	12100	7.4	880	80	44	32	12	13	3.0	7.0
DEC.										
17...	15300	8.1	--	--	--	--	--	11	3.1	7.8
JAN.										
14...	124000	6.4	--	--	--	--	--	12	1.9	4.0
FEB.										
19...	142000	5.3	--	--	--	--	--	11	1.5	2.2
MAR.										
25...	123000	6.4	--	--	--	--	--	9.5	1.6	2.9
APR.										
15...	82400	6.7	--	--	--	--	--	9.2	2.2	3.4
MAY										
14...	22800	7.7	--	--	--	--	--	8.1	1.5	3.3
JUNE										
11...	24200	7.4	2200	140	100	40	60	11	2.6	5.5
JULY										
09...	50000	5.6	--	--	--	--	--	11	2.4	4.7
AUG.										
06...	50500	7.7	--	--	--	--	--	12	1.9	3.5
SEP.										
08...	15100	7.6	890	130	50	40	7	12	2.8	5.3

DATE	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)
OCT.										
23...	1.7	48	6.8	5.8	.1	.22	.19	.41	.06	66
NOV.										
26...	1.6	50	8.2	6.2	.2	.17	.21	.38	.04	72
DEC.										
17...	1.6	47	8.0	7.1	.2	.19	.37	.56	.06	71
JAN.										
14...	1.6	41	6.9	3.6	.2	.19	.50	.69	.11	60
FEB.										
19...	1.1	37	5.0	1.8	.1	.16	.63	.79	.16	50
MAR.										
25...	1.1	31	5.2	1.6	.3	.17	.31	.48	.06	47
APR.										
15...	1.1	33	5.0	2.9	.1	.22	.38	.60	.05	49
MAY										
14...	1.1	31	4.6	3.1	.2	.26	.20	.46	.05	48
JUNE										
11...	1.1	40	6.6	5.4	.2	.25	.20	.45	.06	62
JULY										
09...	1.2	45	6.0	4.6	.1	.17	.37	.54	.08	58
AUG.										
06...	1.3	39	6.3	3.0	.2	.17	.48	.65	.08	58
SEP.										
08...	1.4	44	6.0	5.2	.2	.14	.27	.41	.03	64

02429500 Alabama River at Claiborne, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED SOLIDS (TONS PER DAY)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)
OCT.									
23...	1210	34	5	.5	114	7.3	20.0	20	9.4
NOV.									
26...	2390	45	4	.5	122	7.1	15.0	10	11.2
DEC.									
17...	2480	40	2	.5	123	7.2	9.5	10	10.6
JAN.									
14...	21400	38	4	.3	106	7.2	11.0	30	10.8
FEB.									
19...	18400	34	3	.2	86	7.2	14.0	60	10.4
MAR.									
25...	16600	30	5	.2	75	7.2	15.0	50	9.5
APR.									
15...	12000	32	5	.3	76	6.8	15.0	15	10.0
MAY									
14...	3320	26	1	.3	74	7.0	22.0	20	9.3
JUNE									
11...	4050	38	5	.4	120	6.6	27.0	20	8.4
JULY									
09...	6890	37	0	.3	128	7.1	28.0	30	8.0
AUG.									
06...	8730	38	6	.2	93	7.4	25.0	45	6.8
SEP.									
08...	2610	42	5	.4	114	7.4	29.0	9	9.5

DATE	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M	TOTAL PHYTO-PLANK-TON (CELLS PER ML)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.									
23...	1.5	2.3	200	2	6	5.3	20	384	92
NOV.									
26...	1.5	2.3	850	18	13	29	20	653	98
DEC.									
17...	--	--	500	160	430	--	20	826	97
JAN.									
14...	--	--	110	480	420	--	132	44200	40
FEB.									
19...	--	--	510	1000	1600	--	260	99700	83
MAR.									
25...	--	--	310	98	40	--	48	15900	74
APR.									
15...	--	--	300	320	200	--	103	22900	74
MAY									
14...	--	--	610	32	30	--	20	1230	93
JUNE									
11...	--	--	900	34	140	23	28	1830	90
JULY									
09...	--	--	990	5	38	--	133	18000	57
AUG.									
06...	--	--	160	78	970	--	72	9820	87
SEP.									
08...	.00	.10	350	92	160	9.6	42	1710	89

02429500 Alabama River at Claiborne, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)	SUS-PENDED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)
OCT.									
23...	1	0	1	0	0	0	<10	<10	0
NOV.									
26...	0	0	1	1	1	0	<10	<10	0
JUNE									
11...	--	--	0	1	0	2	<10	<10	0
SEP.									
08...	--	--	0	0	0	0	<10	<10	0

DATE	TOTAL COBALT (CO) (UG/L)	SUS-PENDED COBALT (CO) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	SUS-PENDED COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)
OCT.									
23...	1	1	0	0	0	2	4	3	1
NOV.									
26...	2	2	0	9	1	8	11	11	0
JUNE									
11...	--	0	5	8	0	9	10	6	4
SEP.									
08...	0	0	0	8	8	0	2	2	0

DATE	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	SUS-PENDED SELE-NIUM (SE) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.									
23...	.1	.0	.1	0	0	0	10	0	10
NOV.									
26...	.0	.0	.1	0	0	0	0	0	10
JUNE									
11...	.0	.0	.0	0	0	0	30	20	10
SEP.									
08...	.3	.2	.1	0	0	0	30	20	10

02429500 Alabama River at Claiborne, Ala.--Continued

PHYTOPLANKTON ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

GENUS	PERCENT COMPOSITION											
	Oct. 23	Nov. 26	Dec. 17	Jan. 14	Feb. 19	Mar. 25	Apr. 15	May 14	June 11	July 9	Aug. 6	Sept. 8
ACHNANTHES	--	--	1	--	--	--	2	--	--	--	--	--
ANACYSTIS	--	89	--	--	--	--	--	--	3	--	--	--
ANKISTRODESMUS	--	1	1	--	5	--	--	--	3	5	67	2
CRYPTOMONAS	--	--	2	--	--	--	--	--	--	--	--	--
CYCLOTELLA	14	2	1	9	35	--	5	8	7	52	--	19
CYMBELLA	--	--	--	--	5	--	2	--	--	--	--	--
GOLENKINIA	--	--	--	--	--	5	--	--	1	--	--	--
GOMPHONEMA	--	--	--	--	10	--	--	--	--	--	--	2
KIRCHNERIELLA	7	--	--	--	--	--	--	--	--	--	--	--
LYNGBYA	--	--	80	--	--	--	--	--	--	33	--	--
MELOSIRA	--	5	11	36	--	71	53	92	7	--	--	40
MERIDION	--	--	--	--	15	--	--	--	--	--	--	--
NAVICULA	7	1	1	18	20	5	12	--	3	--	17	8
NITZSCHIA	--	--	1	27	10	19	12	--	4	--	17	6
OSCILLATORIA	--	--	--	--	--	--	--	--	--	--	--	15
PANDORINA	--	--	--	--	--	--	--	--	23	--	--	--
PEDIASTRUM	29	--	--	--	--	--	--	--	--	--	--	--
PERIDINIUM	--	--	--	--	--	--	--	--	--	5	--	--
PLATYDORINA	--	--	--	--	--	--	--	--	46	--	--	--
RHOPALODIA	--	--	--	--	--	--	2	--	--	--	--	--
SCENEDESMUS	21	1	--	--	--	--	5	--	--	--	--	8
SURIRELLA	--	--	--	9	--	--	--	--	--	--	--	--
SYNEDRA	21	1	--	--	--	--	7	--	--	--	--	--
TETRAEDRON	--	--	--	--	--	--	--	--	--	--	--	2
TRACHELOMONAS	--	--	--	--	--	--	--	--	1	5	--	--
TREUBARIA	--	--	--	--	--	--	--	--	1	--	--	--

02429500 Alabama River at Claiborne, Ala.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	108	107	116	111	119	116	102	99	91	86
2	---	---	112	108	119	115	118	116	105	101	91	87
3	---	---	111	108	124	119	122	117	105	103	92	89
4	---	---	111	110	120	112	123	120	103	102	92	90
5	---	---	113	111	122	112	127	123	103	101	95	91
6	---	---	117	113	123	122	125	120	107	100	96	93
7	---	---	117	116	124	122	124	119	107	95	98	95
8	---	---	116	115	122	119	123	109	101	94	98	94
9	---	---	118	115	121	118	117	105	99	98	98	95
10	---	---	117	115	126	121	128	117	98	97	101	97
11	112	111	116	114	128	125	121	100	98	97	101	100
12	113	110	116	114	126	125	107	102	97	92	103	100
13	113	111	117	114	128	125	107	97	92	89	103	99
14	115	112	119	117	129	126	102	97	92	87	100	92
15	116	113	120	116	130	124	101	95	88	85	106	92
16	114	111	120	117	124	114	96	93	88	85	105	89
17	118	111	120	118	125	115	93	91	86	80	92	85
18	123	118	119	117	127	122	93	91	92	80	92	85
19	122	120	117	115	131	126	95	92	90	81	85	82
20	122	119	117	109	135	130	98	94	85	80	89	82
21	121	118	116	108	133	128	99	98	86	82	84	81
22	119	118	123	116	129	125	100	99	82	81	83	80
23	121	114	124	119	130	125	105	100	82	79	80	77
24	117	115	121	119	135	129	110	103	79	77	77	73
25	117	116	119	117	131	121	103	99	83	78	76	70
26	118	116	124	117	139	117	102	95	88	82	86	73
27	117	115	127	123	117	103	111	95	85	81	81	75
28	115	113	127	124	117	102	107	95	86	82	80	75
29	113	112	124	120	119	116	100	95	---	---	81	78
30	112	109	120	112	116	112	100	99	---	---	78	72
31	110	108	---	---	116	111	101	99	---	---	72	68
MONTH	---	---	127	107	139	102	128	91	107	77	106	68

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	75	71	82	76	---	---	---	---	---	---	---	---
2	76	73	83	80	---	---	---	---	---	---	---	---
3	74	69	82	80	---	---	---	---	---	---	---	---
4	92	73	---	---	---	---	---	---	---	---	---	---
5	86	72	---	---	---	---	---	---	---	---	---	---
6	78	71	---	---	---	---	---	---	---	---	---	---
7	73	66	85	73	---	---	---	---	---	---	---	---
8	66	63	80	75	---	---	---	---	90	84	---	---
9	67	63	89	79	---	---	---	---	91	88	---	---
10	69	66	92	89	---	---	---	---	90	83	---	---
11	69	66	92	88	---	---	---	---	85	82	---	---
12	71	66	89	86	---	---	---	---	90	85	---	---
13	70	66	90	86	---	---	---	---	100	90	---	---
14	72	68	86	85	---	---	---	---	102	87	---	---
15	76	69	90	86	---	---	---	---	90	83	---	---
16	92	75	92	89	---	---	---	---	88	84	---	---
17	75	66	92	88	---	---	---	---	90	85	---	---
18	71	68	97	92	---	---	---	---	93	87	---	---
19	69	63	92	89	---	---	---	---	---	---	---	---
20	65	62	100	90	---	---	---	---	---	---	---	---
21	66	61	105	97	---	---	---	---	---	---	---	---
22	69	60	108	103	---	---	---	---	---	---	---	---
23	72	66	112	105	---	---	---	---	---	---	---	---
24	75	71	112	109	---	---	---	---	---	---	---	---
25	75	73	114	108	---	---	---	---	---	---	---	---
26	78	74	117	111	---	---	---	---	---	---	---	---
27	78	75	116	109	---	---	---	---	---	---	---	---
28	79	75	---	---	---	---	---	---	---	---	---	---
29	78	76	---	---	---	---	---	---	---	---	---	---
30	78	74	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	92	60	---	---	---	---	---	---	---	---	---	---

02429500 Alabama River at Claiborne, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUAPY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	20.5	20.0	12.5	12.0	12.0	12.0	12.0	11.5	12.5	12.0
2	---	---	21.0	20.0	12.0	11.5	12.0	11.5	12.5	12.0	12.0	12.0
3	---	---	21.0	20.0	11.5	11.5	11.5	11.5	12.5	12.5	12.0	11.5
4	---	---	20.5	20.0	11.5	11.0	11.5	11.0	12.5	12.0	11.5	11.0
5	---	---	20.5	20.0	11.5	11.0	11.0	10.5	12.0	12.0	11.0	11.0
6	---	---	20.0	19.5	11.0	10.5	10.5	10.5	12.0	11.5	11.5	11.0
7	---	---	19.5	19.0	11.5	11.0	10.5	10.0	11.5	10.5	11.5	11.0
8	---	---	19.0	18.5	11.0	11.0	10.5	10.5	10.5	10.0	11.5	11.0
9	---	---	19.0	18.0	11.0	10.5	10.5	10.5	10.0	10.0	11.5	11.0
10	---	---	18.5	17.5	10.5	10.5	11.5	10.5	10.0	9.5	11.5	11.5
11	21.5	21.0	18.0	17.5	10.5	10.0	11.5	11.0	10.0	9.5	12.0	11.5
12	22.0	21.0	18.0	17.0	10.5	10.0	11.5	11.5	10.5	10.0	12.5	12.0
13	22.0	21.0	17.5	16.5	10.5	10.0	11.5	11.0	10.5	10.5	13.5	12.5
14	22.0	21.0	17.0	16.5	10.0	10.0	11.0	10.5	10.5	9.5	14.0	13.0
15	22.0	21.5	16.5	16.0	10.5	10.0	10.5	10.0	10.5	10.5	13.0	12.5
16	21.5	20.5	16.0	15.5	10.5	10.0	10.0	9.5	11.0	10.5	13.0	13.0
17	21.5	20.5	15.5	15.5	10.0	9.5	9.5	9.0	12.5	11.0	13.0	12.5
18	21.5	20.5	16.0	15.0	10.0	9.5	9.0	9.0	13.0	12.0	12.5	12.0
19	21.0	20.0	16.0	15.5	10.0	9.5	9.5	9.0	13.5	13.0	12.5	12.5
20	20.5	19.5	16.0	15.5	10.0	10.0	9.5	9.5	14.0	13.5	13.0	12.5
21	20.5	19.0	15.5	15.0	10.0	10.0	9.5	9.0	13.5	13.0	13.0	12.5
22	20.0	19.5	15.5	15.0	10.0	10.0	9.0	9.0	13.5	13.5	13.5	13.0
23	20.0	19.0	15.5	15.0	10.0	10.0	9.5	9.0	13.5	13.5	13.5	13.0
24	20.0	19.0	15.5	15.0	11.0	10.0	9.5	9.5	13.5	13.0	14.0	13.5
25	19.5	18.5	15.0	14.5	11.0	11.0	10.0	9.5	13.0	12.5	14.5	14.0
26	19.5	18.5	15.0	14.0	11.5	11.0	10.5	10.0	12.5	12.5	15.0	14.5
27	19.5	18.5	14.5	13.5	11.5	11.5	10.5	10.0	12.5	12.0	15.0	14.5
28	19.5	18.5	14.0	13.5	11.5	11.5	11.0	10.5	12.5	12.0	15.0	14.5
29	19.5	19.0	13.5	13.0	12.0	11.5	11.0	11.0	---	---	15.0	14.5
30	20.0	19.0	13.0	12.0	12.0	12.0	11.0	11.0	---	---	15.0	14.5
31	20.5	19.5	---	---	12.0	12.0	11.5	11.0	---	---	15.0	14.0
MONTH	---	---	21.0	12.0	12.5	9.5	12.0	9.0	14.0	9.5	15.0	11.0

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	14.5	14.0	21.0	19.5	26.0	25.5	---	---	---	---	---	---
2	15.0	14.5	21.0	20.5	26.5	25.5	---	---	---	---	---	---
3	15.0	14.5	21.0	21.0	27.0	26.0	---	---	---	---	---	---
4	15.0	14.0	21.5	21.0	27.0	26.0	---	---	---	---	---	---
5	15.5	14.5	21.5	21.0	27.0	26.5	---	---	---	---	---	---
6	14.5	14.5	21.0	21.0	27.5	26.5	---	---	---	---	---	---
7	14.5	14.0	21.5	21.0	27.0	26.5	---	---	---	---	---	---
8	14.5	14.0	21.5	20.5	27.0	27.0	---	---	25.5	25.5	---	---
9	14.0	14.0	21.5	21.0	27.5	27.0	---	---	26.0	25.5	---	---
10	14.0	14.0	22.0	21.5	27.5	27.0	28.0	28.0	26.0	26.0	---	---
11	15.0	14.0	22.0	21.5	27.0	27.0	28.0	27.5	26.5	26.0	---	---
12	15.0	14.5	22.0	21.5	---	---	27.5	27.0	26.5	26.5	---	---
13	15.0	14.5	22.5	22.0	---	---	27.5	27.0	27.0	26.5	---	---
14	14.5	14.0	23.0	22.5	---	---	27.5	27.5	27.5	27.0	---	---
15	15.0	14.0	23.0	22.5	---	---	27.5	27.5	27.5	27.0	---	---
16	15.0	14.5	22.5	22.5	---	---	28.0	27.5	28.0	27.5	---	---
17	15.0	14.5	23.0	22.5	---	---	28.0	27.5	28.0	28.0	---	---
18	15.5	14.5	23.5	23.0	---	---	28.0	27.5	28.0	28.0	---	---
19	16.0	15.5	23.5	23.0	---	---	28.0	27.5	---	---	---	---
20	16.0	15.5	24.0	23.5	---	---	28.0	27.5	---	---	---	---
21	16.5	16.0	24.5	24.0	---	---	28.0	27.5	---	---	---	---
22	17.0	16.0	24.5	24.0	---	---	28.0	27.5	---	---	---	---
23	17.5	17.0	25.0	24.5	---	---	28.0	27.5	---	---	---	---
24	18.0	17.5	25.5	24.5	---	---	28.5	28.0	---	---	---	---
25	19.0	18.0	25.5	25.0	---	---	28.5	28.0	---	---	---	---
26	19.5	19.0	26.0	25.5	---	---	29.5	28.0	---	---	---	---
27	20.0	19.5	26.5	25.5	---	---	28.5	28.0	---	---	---	---
28	20.5	19.5	26.5	25.5	---	---	---	---	---	---	---	---
29	20.5	20.5	26.5	26.0	---	---	---	---	---	---	---	---
30	20.5	20.5	26.0	26.0	---	---	---	---	---	---	---	---
31	---	---	26.0	25.5	---	---	---	---	---	---	---	---
MONTH	20.5	14.0	26.5	19.5	---	---	---	---	---	---	---	---

02444500 Tombigbee River near Cochrane, Ala.

LOCATION.--Lat 33°04'45", long 88°14'18", in sec. 7, T. 24 N., R. 2 W., Pickens County, at gaging station near left bank on downstream side of bridge on State Highway 17, 200 ft (61 m) upstream from Alabama, Tennessee, and Northern Railroad bridge, 1.2 mi (1.9 km) northeast of Cochrane, 2.2 mi (3.5 km) downstream from Boguechitto Creek, 7 mi (11 km) southwest of Aliceville, and at mile 271.4 (436.7 km).

DRAINAGE AREA.--5,990 mi^2 (15,500 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: August 1969 to September 1975.
Water temperatures: October 1971 to September 1975.

EXTREMES.--1974-75.
Specific conductance: Maximum, 206 micromhos July 13; minimum, 55 micromhos Mar. 21.
Water temperatures: Maximum, 30.5° C July 7, 23-24, Sept. 4-5; minimum, 5.0° C Dec. 5-6.

Period of record:
Specific conductance (1971-72, 1974-75): Maximum, 222 micromhos June 29, 1972; minimum, 55 micromhos Mar. 21, 1975.
Water temperatures (1971-72, 1974-75): Maximum, 32.5° C July 25, 1972; minimum, 5.0° C Dec. 5-6, 1974.

REMARKS.--No specific conductance or temperature records for some days because of recorder malfunction.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	INSTANTANEOUS DISCHARGE (CFS)	TOTAL IRON (FE) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	TOTAL MAGNESIUM (MG) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)
JAN.											
22...	27000	3900	88	19	--	1.0	44	9.4	3.6	.12	.02
APR.											
17...	24000	2100	80	13	--	1.2	35	7.3	3.2	.14	.01
JUNE											
23...	6400	--	--	20	--	1.1	56	8.3	5.5	.37	.01
AUG.											
04...	15100	3500	150	--	1.8	--	--	--	3.8	.28	.01
SEP.											
29...	4420	3300	210	--	.1	--	--	--	5.2	.20	.01

DATE	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED ORTHO. PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)
JAN.											
22...	.14	.05	.52	.57	.71	.16	.03	52	3790	52	15
APR.											
17...	.15	.03	.53	.56	.71	.12	.01	66	4280	37	9
JUNE											
23...	.38	.01	.43	.44	.82	.12	.03	133	2300	54	9
AUG.											
04...	.29	.04	.82	.86	1.2	.21	--	64	2610	--	--
SEP.											
29...	.21	.01	.39	.40	.61	.13	--	62	740	--	--

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	ATMOSPHERIC ODOR (SEVERITY)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (LOW LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
JAN.											
22...	112	7.3	8.0	100	2	70	10.6	21	.9	1200	22
APR.											
17...	90	7.0	15.0	50	2	50	9.0	12	.9	430	23
JUNE											
23...	167	7.0	26.0	37	2	55	6.9	8	1.4	180	--
AUG.											
04...	93	7.2	24.0	110	--	90	7.1	29	--	--	--
SEP.											
29...	72	6.7	17.0	65	--	30	9.0	6	2.7	--	--

02444500 Tombigbee River near Cochrane, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	PHENOLS (UG/L)	TOTAL ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)
JAN.										
22...	3	--	0	<10	--	2	10	.2	0	0
APR.										
17...	0	2	2	<10	--	2	18	.1	0	8
JUNE										
23...	--	--	--	--	--	--	--	--	--	--
AUG.										
04...	0	3	0	<10	0	2	7	.2	0	10
SEP.										
29...	2	2	0	<10	0	4	8	.2	0	20

02444500 Tombigbee River near Cochrane, Ala.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	120	119	120	114	120	111	105	93	97	89	---	---
2	120	117	116	113	183	117	93	84	119	97	---	---
3	119	113	116	114	184	151	84	79	151	100	---	---
4	117	114	119	114	184	146	79	74	163	132	---	---
5	115	111	120	113	146	127	75	71	132	103	---	---
6	114	109	122	114	129	122	77	72	103	93	---	---
7	111	108	124	112	175	123	80	77	93	87	---	---
8	112	109	188	118	200	141	93	80	87	86	---	---
9	113	110	187	117	195	131	107	90	86	86	---	---
10	114	110	117	101	131	108	121	107	86	83	---	---
11	119	113	125	106	111	109	118	104	92	81	---	---
12	118	115	109	104	115	111	104	87	85	82	---	---
13	120	115	107	103	120	112	87	71	98	84	---	---
14	121	117	106	103	153	120	71	64	143	92	---	---
15	123	117	105	103	142	123	66	---	108	92	---	---
16	117	113	105	102	125	120	65	---	119	91	---	---
17	118	115	110	105	128	123	65	---	97	86	---	---
18	120	117	111	105	191	128	65	63	91	82	---	---
19	124	117	108	104	163	150	70	64	---	---	---	---
20	123	112	122	108	165	150	86	70	---	---	---	---
21	112	103	179	113	165	159	131	86	---	---	57	55
22	118	110	181	116	159	145	130	93	---	---	61	57
23	116	104	116	103	189	144	93	89	---	---	65	61
24	104	98	111	106	186	165	111	89	---	---	68	65
25	99	98	109	106	175	147	107	93	---	---	80	68
26	102	99	109	106	158	125	114	95	---	---	84	80
27	104	102	121	105	125	111	102	90	---	---	83	78
28	107	104	126	117	113	111	90	88	---	---	78	73
29	109	106	135	118	113	111	89	81	---	---	73	71
30	112	109	118	109	112	108	86	83	---	---	77	72
31	115	112	---	---	108	105	90	84	---	---	96	77
MONTH	124	98	188	101	200	105	131	63	---	---	---	---

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	89	80	107	103	168	136	143	139	142	131	116	113
2	80	71	117	103	176	137	158	139	138	107	121	114
3	71	68	125	112	137	126	160	144	107	84	121	117
4	68	64	125	114	142	122	153	144	107	68	125	121
5	64	60	147	113	142	132	147	142	111	81	125	119
6	61	59	133	127	135	126	150	144	109	92	123	120
7	67	61	130	115	137	133	150	146	116	97	123	121
8	74	67	122	108	135	130	149	145	115	108	126	120
9	93	74	141	109	144	133	147	139	121	112	187	126
10	106	84	137	105	145	136	142	119	122	114	176	103
11	124	97	110	104	184	133	188	125	115	106	103	88
12	104	92	113	110	202	151	159	126	108	99	90	85
13	94	87	120	113	184	135	206	152	113	98	96	85
14	118	88	116	109	139	130	192	124	116	112	96	89
15	115	96	139	116	130	123	124	104	117	115	94	84
16	109	91	121	112	131	123	104	101	115	112	94	84
17	91	86	160	111	125	123	108	102	122	112	128	94
18	89	88	160	113	123	110	116	108	120	113	118	103
19	93	89	129	111	110	104	123	115	163	112	103	92
20	93	90	111	108	107	104	130	122	160	127	189	99
21	131	91	108	101	121	107	129	124	166	142	190	141
22	130	97	101	94	172	121	140	127	142	132	141	124
23	99	94	98	94	169	153	153	140	132	108	175	114
24	94	91	109	98	153	142	161	146	108	101	172	133
25	121	90	115	109	144	141	158	140	105	102	139	115
26	113	93	116	114	147	138	167	138	106	96	141	97
27	96	93	119	115	150	145	150	117	105	99	97	93
28	96	93	123	119	145	139	175	129	107	105	96	84
29	109	96	145	123	141	138	131	123	114	107	84	72
30	123	100	152	142	141	138	129	115	116	110	81	75
31	---	---	159	133	---	---	142	120	117	109	---	---
MONTH	131	59	160	94	202	104	206	101	166	68	190	72

02444500 Tombigbee River near Cochrane, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	21.0	20.0	19.5	18.5	8.0	7.0	12.0	12.0	14.5	13.5	---	---
2	20.5	19.5	20.0	19.0	7.0	6.0	12.0	11.5	15.0	14.5	---	---
3	20.0	18.5	20.0	19.0	6.5	6.0	11.5	11.0	14.5	13.0	---	---
4	19.0	18.0	20.0	19.5	6.0	5.5	11.0	10.5	13.0	11.5	---	---
5	19.0	17.5	20.0	18.5	6.0	5.0	10.5	10.0	11.5	11.0	---	---
6	19.0	17.5	18.5	17.5	6.0	5.0	10.0	9.0	11.0	10.0	---	---
7	19.5	18.0	17.5	16.0	7.5	6.0	9.0	8.5	10.0	9.5	---	---
8	19.0	18.5	16.0	15.0	8.0	7.5	9.0	8.5	9.5	8.5	---	---
9	19.0	17.5	15.0	14.0	8.0	7.5	9.5	8.5	8.5	7.5	---	---
10	18.5	17.5	15.0	14.0	8.0	7.0	12.0	9.5	7.5	7.0	---	---
11	19.0	17.5	15.0	14.5	7.0	6.5	13.0	12.0	8.5	7.0	---	---
12	19.5	18.5	14.5	13.5	6.5	6.0	13.0	11.5	7.5	7.5	---	---
13	20.0	19.0	13.5	12.5	6.5	6.0	11.5	9.5	8.0	7.5	---	---
14	20.5	19.5	13.0	11.5	6.5	6.0	9.5	7.5	9.5	8.0	---	---
15	20.0	19.0	11.5	11.0	7.0	6.5	7.5	6.5	9.5	9.0	---	---
16	19.0	18.0	11.0	10.0	7.0	6.5	6.5	6.0	12.0	9.5	---	---
17	18.5	17.5	11.0	10.5	6.5	6.5	6.0	6.0	13.0	12.0	---	---
18	18.5	17.5	11.5	11.0	7.0	6.5	6.5	6.0	13.5	13.0	---	---
19	18.5	17.5	12.0	11.0	7.5	7.0	7.0	6.5	---	---	---	---
20	18.0	16.5	12.5	11.5	7.5	7.5	7.5	7.0	---	---	---	---
21	17.0	15.5	13.0	11.5	7.5	7.0	8.5	7.5	---	---	12.5	12.0
22	16.5	15.5	14.0	13.0	8.0	7.0	8.5	7.5	---	---	14.0	12.5
23	16.5	15.5	13.5	13.0	10.5	7.5	7.5	7.0	---	---	15.0	13.5
24	16.5	15.0	13.0	12.5	12.5	10.5	7.5	6.5	---	---	16.0	15.0
25	16.5	15.5	12.5	12.0	13.0	12.0	8.0	7.5	---	---	17.0	16.0
26	16.5	15.5	12.0	11.0	12.5	12.0	9.0	8.0	---	---	17.5	17.0
27	17.0	16.0	11.0	10.0	12.0	11.0	9.5	8.5	---	---	17.0	16.5
28	17.5	16.5	10.5	9.5	11.0	10.5	10.5	9.5	---	---	16.5	16.5
29	17.5	17.0	9.5	9.0	11.0	10.5	12.0	10.5	---	---	16.5	16.5
30	18.5	17.5	9.0	8.0	11.5	11.0	12.5	12.0	---	---	16.5	15.5
31	19.0	18.0	---	---	12.0	11.5	13.5	12.5	---	---	15.5	14.0
MONTH	21.0	15.0	20.0	8.0	13.0	5.0	13.5	6.0	---	---	---	---

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	14.0	13.5	22.0	21.0	25.0	24.0	29.5	28.5	25.0	24.0	30.0	29.0
2	13.5	13.5	22.0	21.5	25.0	24.0	29.5	28.5	25.0	24.0	30.0	29.0
3	13.5	13.5	22.0	21.0	25.5	24.0	30.0	28.5	25.0	24.5	30.0	29.0
4	14.0	13.5	21.5	20.5	26.0	24.0	30.0	29.0	24.5	24.0	30.5	29.5
5	13.5	13.5	21.5	21.0	26.5	24.5	30.0	29.0	25.0	24.0	30.5	29.5
6	14.0	13.5	21.0	20.5	26.0	25.0	30.0	29.5	25.5	24.5	29.5	28.5
7	14.0	13.5	20.5	20.5	26.5	24.5	30.5	29.5	26.0	25.0	28.5	28.0
8	14.0	14.0	21.0	20.0	26.5	25.5	30.0	29.0	26.5	25.5	28.5	27.5
9	14.5	14.0	20.5	20.0	26.5	25.5	30.0	28.5	26.5	26.0	28.5	27.0
10	15.0	14.5	21.0	20.0	26.0	25.0	29.0	27.0	26.5	26.0	28.0	26.5
11	16.5	15.0	21.5	21.0	25.5	25.0	27.0	26.5	27.0	26.0	27.5	26.5
12	16.5	15.5	22.5	21.5	25.0	24.0	27.0	26.0	27.5	26.5	27.5	26.5
13	16.0	15.5	23.0	22.0	24.5	23.5	26.5	26.0	28.5	26.5	27.5	26.0
14	15.5	14.0	22.5	22.5	24.0	23.5	26.0	25.5	29.0	27.0	26.0	24.5
15	14.0	13.5	22.5	22.0	24.0	23.5	26.0	25.0	29.0	28.0	25.5	23.5
16	14.0	13.5	22.5	22.0	24.5	23.5	27.0	25.5	28.0	27.0	24.5	23.5
17	15.0	14.0	22.5	21.5	25.0	24.0	27.5	25.5	28.0	27.0	24.0	23.0
18	16.5	15.0	22.0	21.5	26.0	25.0	28.0	26.5	28.0	27.0	23.5	22.5
19	17.5	16.5	22.0	21.5	26.5	25.0	28.5	27.5	27.0	26.0	23.5	22.5
20	18.0	17.5	22.5	22.0	26.5	25.5	29.0	27.5	26.5	25.5	23.5	22.5
21	18.5	17.5	23.0	22.5	26.5	25.5	29.0	27.5	27.5	26.0	23.0	22.0
22	18.5	17.5	23.5	22.5	26.5	25.5	29.5	28.0	28.0	26.5	22.5	21.5
23	18.5	18.0	24.0	23.5	27.0	26.0	30.5	29.0	28.5	27.0	21.5	20.0
24	19.0	18.0	25.0	24.0	28.0	26.0	30.5	29.0	29.0	27.5	20.0	19.5
25	20.0	19.0	26.0	24.5	28.0	26.0	29.0	28.5	29.5	28.0	19.5	18.5
26	20.0	20.0	26.5	25.0	28.0	26.5	29.0	28.0	29.5	28.0	18.5	18.0
27	21.5	20.0	27.5	25.5	28.5	27.0	28.5	27.5	29.5	28.5	18.0	17.0
28	22.0	21.5	27.5	25.5	28.5	27.5	28.0	27.5	30.0	29.0	18.0	17.0
29	22.0	21.5	26.5	26.0	29.0	27.5	28.0	27.5	30.0	29.0	18.5	17.0
30	21.5	20.5	26.0	25.0	29.5	28.5	27.5	26.5	30.0	29.0	19.0	17.5
31	---	---	25.0	24.0	---	---	26.5	25.0	30.0	29.0	---	---
MONTH	22.0	13.5	27.5	20.0	29.5	23.5	30.5	25.0	30.0	24.0	30.5	17.0

02449000 Tombigbee River at Gainesville, Ala.
(National stream-quality accounting network station)

LOCATION.--Lat 32°49'30", long 88°09'24", in SE¼ sec. 2, T. 21 N., R. 2 W., Sumter County, at gaging station on downstream side of bridge on State Highway 39 at Gainesville, 2 mi (3.2 km) downstream from Noxubee River, and at mile 234.4 (377.1 km).

DRAINAGE AREA.--8,700 mi^2 (22,500 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: October 1966 to September 1967, July 1971 to September 1975. Water temperatures: October 1962 to September 1975.

EXTREMES.--1974-75.
Specific conductance: Maximum, 197 micromhos Sept. 11; minimum, 60 micromhos Mar. 22.
Water temperatures: Maximum, 30.0° C July 7, 24; minimum, 6.0° C Dec. 5-7.

Period of record:
Water temperatures: Maximum (1962-69, 1971-75), 35.0° C July 25, 1972; minimum, 2.0° C Feb. 1, 1966.

REMARKS.--Miscellaneous samples of chemical data published for water year 1968. No specific conductance data for some days because of recorder malfunction.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DISSOLVED IRON (FE) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	SUSPENDED MANGANESE (MN) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	TOTAL MAGNESIUM (MG) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)
JAN.										
23...	30200	7.0	4600	--	180	--	--	16	--	.4
FEB.										
24...	54900	5.3	--	--	--	--	--	10	--	.9
MAR.										
18...	63400	3.4	--	--	--	--	--	9.0	--	.9
APR.										
17...	35000	5.5	3000	--	120	--	--	12	--	1.1
MAY										
12...	15100	6.7	--	--	--	--	--	14	--	1.2
JUNE										
03...	12800	7.0	5500	170	150	90	60	20	--	1.7
23...	8200	--	--	--	--	--	--	21	--	1.1
JULY										
07...	2440	7.9	1300	140	80	70	10	17	--	1.6
AUG.										
04...	19000	7.7	4200	--	180	--	--	11	1.3	1.1
SEP.										
04...	2210	8.4	1300	30	120	120	2	13	--	1.5
29...	6060	8.0	2800	330	100	90	10	9.6	--	1.3

DATE	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)
JAN.										
23...	2.7	1.4	38	9.1	3.2	.3	.10	.01	.11	.04
FEB.										
24...	2.2	1.1	29	5.9	2.4	.1	--	--	.06	--
MAR.										
18...	2.9	1.2	27	4.8	1.2	.3	--	--	.09	--
APR.										
17...	2.5	1.2	36	6.6	2.5	.2	.13	.01	.14	.04
MAY										
12...	2.9	1.5	44	6.4	3.6	.2	--	--	.27	--
JUNE										
03...	3.4	1.7	58	8.5	5.4	.3	--	--	.43	--
23...	--	--	62	8.8	5.0	--	.45	.03	.48	.03
JULY										
07...	5.0	1.4	48	6.2	7.0	.2	--	--	.00	--
AUG.										
04...	3.0	1.6	25	6.3	4.2	.2	.20	.01	.21	.05
SEP.										
04...	5.0	1.6	44	6.8	7.7	.2	--	--	--	--
29...	3.3	1.7	26	6.8	5.2	.1	.21	.00	.21	.01

02449000 Tombigbee River at Gainesville, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED ORTHO. PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO
JAN.										
23...	.44	.48	.59	.15	.02	62	5630	42	10	.2
FEB.										
24...	--	.41	.47	.10	--	44	7120	29	5	.2
MAR.										
18...	--	.56	.65	.15	--	40	6850	26	4	.2
APR.										
17...	.63	.67	.81	.05	.01	53	5010	35	5	.2
MAY										
12...	--	.61	.88	.07	--	62	2850	40	4	.2
JUNE										
03...	--	.47	.90	.13	--	81	2900	57	9	.2
23...	--	--	--	.22	.04	--	1510	57	6	--
JULY										
07...	--	.33	.33	.06	--	72	488	49	10	.3
AUG.										
04...	.72	.77	.98	.16	--	51	2620	32	12	.2
SEP.										
04...	--	.40	--	.06	--	68	453	39	3	.4
29...	.46	.47	.68	.13	--	52	916	29	8	.3

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	ATMOSPHERIC ODOR (SEVERITY)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (LOW LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M
JAN.										
23...	103	7.2	8.0	100	2	60	10.6	19	.1	--
FEB.										
24...	74	6.8	12.0	--	--	40	9.6	--	--	--
MAR.										
18...	64	7.2	11.5	--	--	90	8.3	--	--	--
APR.										
17...	84	7.1	14.0	65	2	20	9.0	16	1.4	--
MAY										
12...	102	7.1	21.5	--	--	40	9.0	--	--	--
JUNE										
03...	158	7.1	25.5	--	--	55	8.1	--	--	12
23...	--	7.2	27.0	60	1	90	7.1	10	2.3	--
JULY										
07...	155	7.1	29.0	--	--	5	7.8	--	--	2.4
AUG.										
04...	80	7.2	24.5	110	--	50	7.1	--	1.7	--
SEP.										
04...	--	7.9	31.5	--	--	15	8.1	--	--	.80
29...	82	7.0	17.5	55	--	35	8.8	6	3.2	74

DATE	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M	TOTAL PHYTOPLANKTON (CELLS PER ML)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
JAN.										
23...	--	620	8800	780	510	5.6	0	112	9130	89
FEB.										
24...	--	480	--	140	140	--	--	50	7410	79
MAR.										
18...	--	400	--	510	440	--	--	122	20900	80
APR.										
17...	--	320	1200	670	180	17	0	84	7940	75
MAY										
12...	--	880	--	160	150	--	--	107	4360	92
JUNE										
03...	14	1300	--	100	35	19	--	60	2070	97
23...	--	--	--	860	--	--	0	--	--	--
JULY										
07...	2.6	19000	--	72	--	28	--	14	92	96
AUG.										
04...	--	2700	--	100	460	--	3	21	1110	74
SEP.										
04...	2.2	27000	--	1	17	13	--	20	119	--
29...	3.8	6100	--	83	68	5.8	0	55	900	--

02449000 Tombigbee River at Gainesville, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)	SUS-PENDED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)
JAN.										
23...	--	--	--	0	--	--	<10	--	--	--
APR.										
17...	2	--	--	0	--	--	<10	--	--	--
JUNE										
03...	--	--	0	--	0	2	<10	<10	0	--
JULY										
07...	1	1	0	1	1	0	10	10	0	--
AUG.										
04...	2	--	--	2	--	--	<10	--	--	0
SEP.										
04...	--	--	0	0	0	0	<10	<10	0	--
29...	1	--	0	1	1	0	<10	<10	0	0

DATE	TOTAL COBALT (CO) (UG/L)	SUS-PENDED COBALT (CO) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	SUS-PENDED COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)
JAN.									
23...	--	--	--	3	--	--	13	--	--
APR.									
17...	--	--	--	4	--	--	10	--	--
JUNE									
03...	--	0	4	7	4	3	9	7	2
JULY									
07...	1	1	0	10	8	2	34	34	0
AUG.									
04...	--	--	--	6	--	--	10	--	--
SEP.									
04...	0	0	0	6	6	0	1	1	0
29...	0	0	0	7	5	2	10	10	0

DATE	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	SUS-PENDED SELE-NIUM (SE) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN.									
23...	.0	--	--	0	--	--	0	--	--
APR.									
17...	.1	--	--	0	--	--	0	--	--
JUNE									
03...	.0	.0	.0	0	0	0	30	30	5
JULY									
07...	.1	.0	.1	--	--	0	--	80	0
AUG.									
04...	.3	--	--	0	--	--	10	--	--
SEP.									
04...	--	--	.1	--	--	0	20	20	0
29...	.1	.0	.1	0	0	0	40	40	1

02449000 Tombigbee River at Gainesville, Ala.--Continued

PHYTOPLANKTON ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

GENUS	PERCENT COMPOSITION									
	Jan. 23	Feb. 24	Mar. 18	Apr. 17	May 12	June 3	July 7	Aug. 4	Sept. 4	Sept. 29
ACTINASTRUM	--	--	20	--	33	--	4	--	3	5
AGMENELLUM	--	--	--	--	--	--	21	--	--	--
ANABAENA	--	12	--	6	--	--	--	--	--	--
ANACYSTIS	--	10	40	--	--	30	--	--	33	--
ANKISTRODESMUS	--	21	--	--	4	--	3	--	--	--
COELASTRUM	--	--	--	--	--	15	4	--	--	--
CYCLOTELLA	--	12	15	2	--	3	7	2	21	2
CYMBELLA	--	--	--	2	--	--	--	2	--	--
DICTYOSPHAERIUM	--	--	--	--	17	--	6	10	--	--
EUNOTIA	*9	--	--	--	--	--	--	--	--	--
GOMPHONEMA	--	--	--	4	--	--	--	--	--	--
GYROSIGMA	9	--	--	--	--	--	--	--	--	--
HANTZSCHIA	9	--	--	2	--	--	--	--	--	--
LYNGBYA	--	5	--	--	--	--	--	--	7	--
MELOSIRA	--	5	--	6	--	3	2	--	2	2
MICRACTINIUM	--	--	--	--	25	--	--	--	--	--
NAVICULA	--	2	--	8	8	--	--	2	--	1
NITZSCHIA	--	17	20	8	4	5	2	5	--	5
OOCYSTIS	--	--	--	--	--	--	5	--	--	--
OSCILLATORIA	--	--	--	--	--	--	44	64	32	84
PEDIASTRUM	--	--	--	32	--	--	--	--	--	--
PINNULARIA	--	--	--	2	4	--	--	--	--	--
PLANKTOSPHAERIA	--	7	--	--	--	--	--	--	--	--
SCENEDESMUS	73	10	-	16	--	45	1	14	1	--
SELENESTRUM	--	--	--	--	--	--	--	--	--	--
STAURONEIS	--	--	--	2	--	--	--	--	--	--
SURIRELLA	--	--	--	4	--	--	--	--	--	--
SYNEDRA	--	--	5	6	--	--	--	--	--	--
TETRASTRUM	--	--	--	--	--	--	--	--	1	--
TRACHELOMONAS	--	--	--	--	4	--	--	--	--	--

02449000 Tombigbee River at Gainesville, Ala.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	125	120	---	---	---	---	97	93	107	100	87	87
2	122	118	---	---	---	---	93	91	146	106	87	87
3	---	---	---	---	---	---	91	90	155	132	87	87
4	---	---	---	---	---	---	90	89	159	153	87	87
5	---	---	---	---	---	---	89	87	156	128	87	87
6	---	---	---	---	---	---	90	78	130	120	87	87
7	---	---	---	---	---	---	91	79	121	116	87	86
8	---	---	---	---	---	---	95	90	116	113	86	86
9	---	---	---	---	---	---	94	93	113	110	88	86
10	---	---	---	---	177	112	113	93	111	104	105	88
11	---	---	---	---	112	105	115	98	104	99	111	104
12	---	---	---	---	107	103	98	92	113	99	108	104
13	---	---	---	---	106	103	92	80	113	109	149	104
14	---	---	---	---	112	106	80	77	122	106	147	108
15	---	---	---	---	138	112	78	75	158	118	108	91
16	---	---	---	---	120	110	77	76	132	112	91	78
17	---	---	---	---	110	106	77	76	114	102	78	73
18	---	---	---	---	110	106	78	76	102	95	73	63
19	---	---	---	---	153	110	78	76	98	85	66	62
20	---	---	---	---	136	125	82	78	91	81	71	61
21	---	---	---	---	138	124	100	82	81	77	71	61
22	---	---	195	133	125	118	121	100	77	74	70	60
23	---	---	195	143	139	105	115	102	75	69	71	66
24	---	---	---	---	141	95	110	100	85	74	76	69
25	---	---	---	---	106	94	139	101	86	76	82	74
26	---	---	---	---	112	106	118	102	86	86	87	79
27	---	---	---	---	110	92	118	100	86	86	90	87
28	---	---	---	---	93	91	100	98	87	86	88	86
29	---	---	---	---	99	93	99	98	---	---	86	84
30	---	---	---	---	102	96	99	99	---	---	89	84
31	---	---	---	---	103	95	100	98	---	---	90	83
MONTH	---	---	---	---	---	---	139	75	159	69	149	60

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	97	90	157	143	159	142	128	125	177	160	140	138
2	92	84	143	133	167	150	127	123	169	111	140	137
3	84	81	133	111	173	126	128	123	111	83	142	140
4	81	75	139	114	126	118	135	127	99	78	144	141
5	75	65	132	115	125	111	139	131	97	86	148	144
6	65	62	133	121	128	122	133	130	111	84	152	148
7	66	62	128	123	125	121	157	132	97	85	153	151
8	72	65	127	114	138	125	168	155	95	84	153	147
9	106	71	120	106	136	130	185	148	89	84	155	146
10	99	89	134	107	147	135	167	141	92	89	196	155
11	122	90	114	103	169	147	165	141	92	89	197	154
12	120	102	111	103	186	158	193	135	91	89	154	130
13	111	102	115	111	168	127	137	116	90	88	130	121
14	117	99	123	115	127	109	166	137	97	88	121	116
15	114	91	122	113	124	108	140	104	107	97	122	115
16	99	90	134	122	108	99	104	96	123	104	120	117
17	94	86	139	111	104	100	99	94	136	112	118	110
18	91	87	134	113	101	93	108	99	145	125	126	110
19	93	88	128	107	93	89	110	104	142	133	143	126
20	99	93	117	107	93	89	119	110	162	140	136	116
21	101	95	107	102	98	91	135	117	155	136	175	119
22	134	101	102	99	109	97	133	128	154	145	184	162
23	123	108	100	97	156	109	136	129	145	142	162	145
24	111	109	104	99	147	138	157	136	143	129	162	145
25	110	108	111	104	146	121	167	157	129	121	162	137
26	138	109	119	111	126	122	170	164	121	117	137	127
27	137	127	125	118	126	122	185	163	120	117	137	110
28	136	132	128	123	134	116	191	148	127	120	110	104
29	136	129	133	128	172	126	191	147	135	127	109	78
30	163	134	169	133	128	123	148	138	137	131	78	73
31	---	---	176	152	---	---	162	132	140	136	---	---
MONTH	163	62	176	97	186	89	193	94	177	78	197	73

02449000 Tombigbee River at Gainesville, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	19.5	19.0	18.0	18.0	9.5	8.5	12.5	12.0	14.5	14.0	12.0	11.5
2	19.5	19.0	18.5	18.0	8.5	8.0	12.5	12.0	15.5	14.5	12.0	11.5
3	19.0	18.5	18.5	18.5	8.0	7.0	12.0	12.0	15.5	13.5	11.5	11.0
4	18.5	18.0	19.0	18.5	7.0	6.5	12.0	11.0	13.5	12.0	11.0	10.0
5	18.0	17.5	19.0	18.5	6.5	6.0	11.0	10.5	12.0	11.5	10.0	9.5
6	17.5	17.5	18.5	17.5	6.0	6.0	10.5	10.0	11.5	11.0	10.0	9.5
7	17.5	17.5	17.5	16.0	7.5	6.0	10.0	9.5	11.0	10.0	11.0	10.0
8	18.0	17.5	16.0	15.5	8.0	7.5	9.5	9.0	10.0	9.5	11.5	11.0
9	18.0	17.0	15.5	15.0	8.0	8.0	9.5	9.0	9.5	8.5	11.0	11.0
10	17.5	17.5	15.0	14.5	8.0	8.0	11.5	9.5	8.5	7.5	11.5	11.0
11	18.0	17.5	14.5	14.5	8.0	7.5	13.0	11.5	7.5	7.5	12.0	11.5
12	18.0	18.0	14.5	14.0	7.5	7.0	13.0	12.0	8.0	7.5	13.0	12.0
13	18.5	18.0	14.0	13.0	7.0	6.5	12.0	10.5	8.5	8.0	13.0	12.5
14	19.0	18.5	13.0	12.0	7.0	6.5	10.5	9.0	9.0	8.5	12.5	12.0
15	19.0	19.0	12.0	11.5	7.0	7.0	9.0	7.5	10.0	9.0	12.5	11.5
16	19.0	18.5	11.5	11.0	7.0	7.0	7.5	7.0	12.5	10.0	11.5	11.0
17	18.5	17.5	11.0	10.5	7.0	6.5	7.0	6.5	13.5	12.5	11.0	11.0
18	17.5	17.0	10.5	10.5	6.5	6.5	6.5	6.5	14.0	13.5	11.5	11.0
19	17.5	17.0	11.0	10.5	7.5	6.5	7.0	6.5	14.0	13.5	12.0	11.5
20	17.0	17.0	12.0	11.0	7.5	7.5	7.5	7.0	13.5	13.0	13.0	12.0
21	17.0	16.0	12.0	11.5	7.5	7.5	8.0	7.5	13.0	12.5	13.0	12.5
22	16.0	15.5	13.0	12.0	7.5	7.5	8.5	8.0	12.5	12.0	14.0	13.0
23	15.5	15.5	13.0	13.0	9.0	7.5	8.5	7.5	12.5	12.0	14.5	14.0
24	15.5	15.0	13.0	12.5	12.5	9.0	7.5	7.5	12.5	12.5	16.0	14.5
25	15.5	15.0	12.5	12.0	13.0	12.5	9.0	7.5	12.5	12.0	16.0	15.5
26	15.5	15.0	12.0	11.0	13.0	12.5	9.5	9.0	12.0	12.0	16.5	16.0
27	15.5	15.5	12.0	11.0	12.5	12.0	10.0	9.5	12.0	11.5	17.0	16.5
28	16.0	15.5	11.0	10.5	12.0	11.0	10.5	10.0	11.5	11.5	17.0	17.0
29	16.5	16.0	10.5	10.0	11.0	11.0	11.5	10.5	---	---	17.0	17.0
30	17.0	16.5	10.0	9.5	11.5	11.0	13.0	11.5	---	---	17.0	15.5
31	18.0	17.0	---	---	12.0	11.5	14.0	13.0	---	---	15.5	15.0
MONTH	19.5	15.0	19.0	9.5	13.0	6.0	14.0	6.5	15.5	7.5	17.0	9.5

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	15.0	14.0	20.5	20.0	25.0	24.0	29.0	28.5	24.5	24.0	29.5	29.0
2	14.0	14.0	21.5	20.5	25.0	24.5	29.0	28.5	24.0	23.5	29.5	29.0
3	14.0	13.5	21.5	21.0	25.0	24.5	29.0	28.0	24.5	24.0	29.0	29.0
4	14.0	13.5	21.0	20.5	25.5	24.5	29.5	28.5	24.5	24.0	29.5	29.0
5	14.0	13.5	21.0	20.5	26.0	25.0	29.5	28.5	24.5	24.0	29.5	29.0
6	14.0	13.5	20.5	20.0	26.0	25.5	29.5	29.0	25.0	24.5	29.0	28.5
7	14.0	13.5	20.0	20.0	26.0	25.0	30.0	29.0	25.5	25.0	28.5	28.0
8	14.0	14.0	20.5	19.5	26.0	25.5	29.5	29.0	25.5	25.0	28.0	27.5
9	14.5	14.0	21.0	20.5	26.0	25.5	29.0	28.0	25.5	25.0	28.5	27.5
10	15.5	14.5	21.0	20.5	25.5	25.5	28.0	27.5	25.5	25.0	28.5	27.5
11	16.0	15.5	21.5	21.0	25.5	25.0	28.0	26.5	26.0	25.5	28.0	27.5
12	16.5	16.0	22.0	21.5	25.5	25.0	26.5	26.0	26.5	26.0	27.5	27.0
13	16.0	16.0	22.5	22.0	25.0	24.5	26.5	26.0	27.5	26.5	27.0	26.0
14	16.0	13.5	22.5	22.5	24.5	24.0	26.5	25.5	28.0	27.0	26.0	25.0
15	14.0	13.5	22.5	22.5	24.0	23.0	26.0	25.5	28.0	27.5	25.0	24.5
16	14.0	13.5	22.5	22.0	24.0	23.5	26.0	25.5	28.0	27.5	24.5	24.0
17	14.5	14.0	22.0	21.5	25.0	24.0	27.0	26.0	27.5	26.5	24.0	23.5
18	16.0	14.5	22.0	21.0	25.5	25.0	27.5	26.5	27.0	26.5	24.0	23.0
19	17.0	16.0	22.0	21.5	26.0	25.5	28.0	27.0	27.0	26.5	24.0	23.0
20	17.5	17.0	22.5	21.5	26.0	26.0	28.0	27.5	26.5	26.0	24.0	23.5
21	18.0	17.5	23.0	22.5	26.5	25.5	28.5	27.5	26.5	26.0	23.5	23.0
22	18.0	17.5	23.5	22.5	26.5	26.0	29.0	28.0	27.0	26.5	23.0	21.5
23	18.5	18.0	24.0	23.0	26.5	25.5	29.5	28.5	27.5	27.0	21.5	20.0
24	19.0	18.0	24.5	24.0	27.0	26.0	30.0	29.0	28.0	27.5	20.0	19.0
25	19.5	19.0	25.0	24.5	27.0	26.5	29.0	28.5	28.5	28.0	19.0	18.5
26	20.0	19.5	26.0	25.0	27.5	26.5	28.5	28.0	28.5	28.0	18.5	18.0
27	21.0	20.0	26.0	25.5	28.0	27.0	28.5	28.0	28.5	28.0	18.0	17.5
28	21.5	21.0	27.0	25.5	28.5	27.5	28.0	27.5	29.0	28.0	18.0	17.5
29	21.5	21.0	26.5	26.0	28.5	27.0	27.5	27.5	29.0	28.5	18.0	18.0
30	21.0	20.0	26.0	25.0	29.0	28.0	27.5	26.5	29.0	28.5	18.5	18.0
31	---	---	25.0	24.0	---	---	26.5	24.5	29.5	28.5	---	---
MONTH	21.5	13.5	27.0	19.5	29.0	23.0	30.0	24.5	29.5	23.5	29.5	17.5

02450000 Mulberry Fork near Garden City, Ala.

LOCATION.--Lat 33°59'42", long 86°44'56", in NE¼ sec. 16, T. 12 S., R. 2 W., Blount County, at gaging station, on left bank near downstream side of bridge on U.S. Highway 31 (old), 1,000 ft (305 m) downstream from Louisville & Nashville Railroad bridge, 1 mi (1.6 km) southwest of Garden City, 5.5 mi (8.8 km) downstream from Mud Creek, and at mile 79.2 (127.4 km).

DRAINAGE AREA.--368 mi^2 (953 km^2).

PERIOD OF RECORD.--Chemical analyses: July 1972 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1965, 1966, 1967, 1968, and 1971.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
22...	29	2.0	90	48	12	2.6	5.4	5.0	51	0	6.2	6.6
NOV.												
21...	291	3.7	310	20	6.7	1.9	4.9	4.3	26	0	7.2	5.2
DEC.												
19...	147	1.3	60	22	7.9	2.2	4.1	2.5	29	0	5.2	6.0
FEB.												
04...	2470	5.9	40	5	16	1.7	2.1	1.5	48	0	7.4	2.4
MAR.												
12...	1900	2.7	300	40	4.6	1.5	2.7	1.8	14	0	4.6	3.6
MAY												
28...	400	3.9	80	1	9.4	1.6	2.9	2.3	33	0	5.6	3.6
JUNE												
27...	166	3.4	170	23	10	1.8	3.4	2.8	40	0	4.8	4.2
SEP.												
10...	69	2.5	180	--	12	2.1	6.1	3.1	44	0	6.0	8.6

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
22...	.1	.56	67	5.87	41	0	.4	127	8.0	14.5	11.2	2
NOV.												
21...	.1	.86	51	40.1	25	4	.4	87	7.3	12.5	10.5	2
DEC.												
19...	.1	1.2	48	21.8	29	5	.3	88	6.8	6.0	14.9	1
FEB.												
04...	.0	.66	64	467	47	8	.1	114	7.5	9.5	12.3	ND
MAR.												
12...	.1	1.0	33	169	18	7	.3	60	7.0	12.0	8.9	ND
MAY												
28...	.0	.90	50	54.0	30	3	.2	76	6.6	23.5	8.6	<1
JUNE												
27...	.0	.66	53	23.8	33	0	.3	83	7.2	26.5	5.0	1
SEP.												
10...	.0	.72	66	12.3	39	3	.4	160	7.8	27.0	9.8	1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
22...	<1	1	1	2	2	3	<.2	3	<1	68	6
NOV.											
21...	<1	<1	1	1	<1	2	<.2	1	ND	40	5
DEC.											
19...	<1	<1	2	1	ND	2	<.2	2	ND	71	7
FEB.											
04...	<1	ND	1	1	<1	4	<.2	1	ND	77	9
MAR.											
12...	<1	ND	2	1	1	2	<.2	2	ND	32	7
MAY											
28...	<1	2	1	--	<1	--	.2	--	--	59	40
JUNE											
27...	<1	ND	1	--	1	--	.2	--	--	47	7
SEP.											
10...	<1	ND	1	--	ND	--	.2	--	--	50	10

02450250 Sipsey Fork near Grayson, Ala.
(Hydrologic bench-mark station)

LOCATION.--Lat 34°17'07", long 87°23'56", in N½ sec. 8, T. 9 S., R. 8 W., Winston County, at gaging station 0.1 mi (0.2 km) downstream from bridge on Cranal Road, 0.5 mi (0.8 km) downstream from Borden Creek, 4.5 mi (7.2 km) west of Grayson, and 14 mi (22.5 km) northeast of Haleyville.

DRAINAGE AREA.--91.3 mi^2 (236.4 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1966 to September 1975.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)
OCT.										
24...	8.5	6.9	--	--	14	1.2	1.7	1.6	43	0
NOV.										
22...	75	--	--	--	--	--	--	--	51	0
DEC.										
19...	27	6.2	--	--	13	1.2	1.3	.6	45	0
FEB.										
03...	41	--	--	--	--	--	--	--	42	0
MAR.										
10...	128	5.8	--	--	12	1.1	1.2	.6	36	0
APR.										
21...	162	--	--	--	--	--	--	--	38	0
MAY										
23...	38	6.5	260	40	17	1.2	1.2	.8	50	0
JUNE										
30...	21	--	--	--	--	--	--	--	48	0
SEP.										
11...	23	6.4	--	--	24	1.7	1.4	1.2	79	0

DATE	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO
OCT.										
24...	4.9	1.7	.0	.01	.01	53	1.22	40	5	.1
NOV.										
22...	--	--	--	--	--	--	--	--	--	--
DEC.										
19...	4.4	1.3	.1	.03	.00	50	3.86	37	0	.1
FEB.										
03...	--	--	--	--	--	--	--	--	--	--
MAR.										
10...	3.4	1.2	.2	.40	.00	43	16.6	35	5	.1
APR.										
21...	--	--	--	--	--	--	--	--	--	--
MAY										
23...	3.6	1.5	.1	.30	.00	57	5.64	47	6	.1
JUNE										
30...	--	--	--	--	--	--	--	--	--	--
SEP.										
11...	4.3	1.6	.1	.03	.01	80	4.97	67	2	.1

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)
OCT.									
24...	97	7.3	9.0	11.6	3500	1400	340	2	.05
NOV.									
22...	92	7.8	10.0	12.4	--	--	--	8	1.6
DEC.									
19...	88	7.2	5.0	13.4	340	6	35	15	1.1
FEB.									
03...	89	7.4	10.5	11.3	--	--	--	40	4.4
MAR.									
10...	76	6.6	7.0	12.6	22	11	5	173	60
APR.									
21...	74	6.7	13.0	10.4	--	--	--	6	2.6
MAY									
23...	91	7.7	19.0	9.9	1140	29	34	4	.41
JUNE									
30...	106	6.9	22.5	8.5	--	--	--	4	.23
SEP.									
11...	135	7.5	22.0	8.3	--	210	--	11	.68

02450250 Sipsey Fork near Grayson, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL BARIUM (BA) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)
DEC. 19...	--	ND	--	--	<1	--	ND	1	--	2	--
MAY 23...	0	--	0	0	--	<10	--	--	0	--	0

DATE	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	TOTAL SILVER (AG) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
DEC. 19...	ND	3	--	<.2	2	--	--	ND	29	--	8
MAY 23...	--	--	.3	--	--	0	0	--	--	13000	--

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	DI-AZINON IN BOTTOM MA-TERIAL (UG/KG)
MAY 23...	.00	.0	.0	0	.0	.00	.0	.00	.0	.00	.0

DATE	TOTAL DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM MA-TERIAL (IG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	ETHION IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)
MAY 23...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00

DATE	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)	MALA-THION IN BOTTOM MA-TERIAL (UG/KG)	TOTAL METHYL PARA-THION (UG/L)	METHYL PARA-THION IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL METHYL TRI-THION (UG/L)	METHYL TRI-THION IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL PARA-THION (UG/L)	PARA-THION IN BOTTOM MA-TERIAL (UG/KG)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)
MAY 23...	.0	.00	.0	.00	.0	.00	.0	.00	.0	.0	0

DATE	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TRI-THION IN BOTTOM MA-TERIAL (UG/KG)	TOTAL 2,4-D (UG/L)	2,4-D IN BOTTOM MA-TERIAL (UG/KG)	TOTAL 2,4,5-T (UG/L)	2,4,5-T IN BOTTOM MA-TERIAL (UG/KG)	TOTAL SILVEX (UG/L)	SILVEX IN BOTTOM MA-TERIAL (UG/KG)
MAY 23...	0	0	.00	.0	.00	0	.00	0	.00	0

02456500 Locust Fork at Sayre, Ala.

LOCATION.--Lat 33°42'35", long 86°59'00", in NW¼ sec. 29, T. 15 S., R. 4 W., Jefferson County, at gaging station on right bank at downstream side of bridge on county road at Sayre, 1.5 mi (2.4 km) downstream from Camp Creek, and at mile 33.9 (54.5 km).

DRAINAGE AREA.--887 mi^2 (2,297 km^2).

PERIOD OF RECORD.--Chemical analyses: Water year 1970 (partial-record station), October 1970 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1965, 1966, 1967, and 1968.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
22...	170	3.3	30	200	27	16	8.4	3.2	100	0	66	4.2
NOV.												
22...	345	3.0	120	120	22	13	7.7	3.2	89	0	47	4.4
JAN.												
07...	1940	6.4	40	180	13	4.4	3.2	2.1	38	0	20	4.0
FEB.												
05...	11200	7.0	30	21	8.0	3.2	2.4	1.5	22	0	15	3.0
MAR.												
27...	3040	5.7	70	80	9.4	4.3	2.4	1.6	31	0	18	2.6
APR.												
25...	845	3.5	120	200	15	7.0	3.8	1.6	44	0	31	2.8
MAY												
30...	457	5.2	140	230	13	7.9	5.0	1.7	44	0	37	3.0
JUNE												
27...	271	5.2	60	270	16	9.9	4.6	3.0	55	0	40	2.8
SEP.												
10...	319	4.8	70	280	19	10	6.1	2.3	72	0	38	3.6

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
22...	.0	.08	177	77.6	130	48	.3	310	7.8	15.5	10.4	1
NOV.												
22...	.1	.38	146	143	110	37	.3	259	8.0	11.5	10.4	ND
JAN.												
07...	.1	.95	76	393	51	20	.2	117	7.3	8.0	11.8	<1
FEB.												
05...	.0	.54	54	1660	33	15	.2	85	7.0	10.0	11.1	<1
MAR.												
27...	.0	.54	61	501	41	16	.2	102	6.9	13.5	10.0	3
APR.												
25...	.0	.52	89	203	67	31	.2	145	7.2	18.5	9.3	2
MAY												
30...	.0	.72	98	121	65	29	.3	167	6.3	25.0	8.0	1
JUNE												
27...	.0	.66	111	81.2	81	36	.2	179	6.6	26.0	8.5	2
SEP.												
10...	.0	.43	121	104	89	30	.3	192	7.3	26.0	6.8	1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
22...	<1	<1	3	3	2	17	<.2	7	1	94	15
NOV.											
22...	1	1	1	1	<1	11	<.2	3	ND	92	9
JAN.											
07...	<1	<1	1	1	ND	4	<.2	3	ND	48	6
FEB.											
05...	<1	ND	1	2	1	3	<.2	3	<1	52	6
MAR.											
27...	<1	ND	1	1	ND	4	1.5	6	<1	80	4
APR.											
25...	<1	ND	2	--	2	8	<.2	--	--	48	19
MAY											
30...	<1	2	1	--	ND	--	<.2	--	--	72	7
JUNE											
27...	<1	<1	1	--	<1	--	<.2	--	--	70	8
SEP.											
10...	<1	ND	1	--	ND	--	.2	--	--	70	10

02462000 Valley Creek near Oak Grove, Ala.

LOCATION.--Lat 33°26'50", long 87°07'20", in NW¼ sec. 25, T. 18 S., R. 6 W., Jefferson County, at gaging station, near center of span on downstream side of highway bridge, 1,000 ft (305 m) downstream from Raccoon Branch, 1.5 mi (2.4 km) east of Oak Grove, and 10.5 mi (16.9 km) west of Bessemer.

DRAINAGE AREA.--145 mi^2 (376 km^2).

PERIOD OF RECORD.--Chemical analyses: February 1972 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1965, 1966, and 1967.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
22...	88	9.9	170	220	45	16	47	1.1	130	0	130	22
NOV.												
22...	206	9.9	210	510	57	14	17	7.0	140	0	110	11
JAN.												
07...	384	11	50	420	47	16	19	8.0	140	0	100	6.0
FEB.												
05...	2960	9.4	60	290	26	9.8	9.4	3.4	71	0	62	4.0
MAR.												
27...	551	9.8	40	430	44	17	18	.8	120	0	100	10
APR.												
25...	212	11	60	860	39	20	39	11	110	0	160	14
MAY												
29...	96	7.7	100	360	38	14	26	19	130	0	100	13
JUNE												
27...	447	7.7	100	800	57	19	55	14	150	0	200	22
SEP.												
09...	54	8.5	40	890	47	16	55	10	110	6	190	10

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
22...	1.7	.19	338	80.3	180	74	1.5	570	7.7	14.5	6.7	6
NOV.												
22...	.7	.86	299	155	200	86	.5	490	7.7	12.0	8.5	2
JAN.												
07...	.4	1.3	280	290	180	66	.6	482	7.8	12.0	8.9	1
FEB.												
05...	.1	.70	162	1500	110	52	.4	260	7.6	11.5	9.5	<1
MAR.												
27...	.6	.93	263	391	180	82	.6	465	7.5	14.0	8.5	3
APR.												
25...	.5	.25	350	200	180	90	1.3	567	7.7	20.0	9.8	6
MAY												
29...	.8	.45	284	73.6	150	44	.9	481	7.1	24.0	4.1	7
JUNE												
27...	.0	.54	452	546	220	97	1.6	770	7.1	24.0	4.7	5
SEP.												
09...	.4	1.1	404	58.9	180	90	1.8	567	8.6	26.0	5.2	4

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
22...	<1	1	1	3	1	34	<.2	14	1	190	21
NOV.											
22...	1	2	3	3	<1	33	.4	20	ND	170	12
JAN.											
07...	2	<1	1	3	<1	39	<.2	25	<1	120	14
FEB.											
05...	<1	ND	2	2	2	22	<.2	12	ND	120	8
MAR.											
27...	<1	<1	4	5	ND	37	<.2	29	ND	150	5
APR.											
25...	<1	ND	8	--	2	50	<.2	--	--	180	20
MAY											
29...	ND	1	3	--	1	--	<.2	--	--	130	19
JUNE											
27...	<1	1	3	--	<1	--	.2	--	--	190	22
SEP.											
09...	<1	ND	2	--	ND	--	.3	--	--	180	50

02464000 North River near Samantha, Ala.

LOCATION.--Lat 33°28'45", long 87°35'50", in SW¼ sec. 16, T. 18 S., R. 10 W., Tuscaloosa County, at gaging station, about 200 ft (61 m) downstream from bridge on county road, 1.2 mi (1.9 km) upstream from Cripple Creek, 4 mi (6 km) north of Samantha, and at mile 36.9 (59.4 km).

DRAINAGE AREA.--219 mi^2 (567 km^2).

PERIOD OF RECORD.--Chemical analyses: July 1972 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1966, 1967, 1968, and 1971.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
OCT.											
25...	41	6.7	370	37	3.1	2.1	2.5	2.8	17	0	5.4
NOV.											
22...	150	7.8	350	35	3.5	2.5	2.8	1.7	15	0	11
DEC.											
18...	97	8.9	520	12	2.8	2.2	2.7	1.0	12	0	7.8
JAN.											
22...	185	5.2	60	56	2.9	1.6	2.3	2.3	4	0	12
MAR.											
27...	515	7.9	0	10	2.0	1.7	2.0	.9	10	0	6.4
APR.											
21...	64	9.0	120	--	1.2	1.5	2.0	.9	10	0	5.2
MAY											
23...	169	8.2	220	--	2.1	1.7	2.4	1.0	10	0	6.4
JUNE											
26...	81	7.0	110	100	3.3	2.6	2.8	1.3	14	0	12
SEP.											
11...	46	6.4	450	95	2.8	2.2	3.6	1.3	19	0	4.8

DATE	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED ORTHO. PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)
OCT.										
25...	2.6	.0	--	.01	--	--	--	--	33	4.21
NOV.										
22...	2.0	.1	--	.07	--	--	--	--	39	17.0
DEC.										
18...	2.4	.1	--	.05	--	--	--	--	34	9.95
JAN.										
22...	2.4	.1	--	.15	--	--	--	--	31	18.5
MAR.										
27...	1.6	.0	--	.10	--	--	--	--	28	38.9
APR.										
21...	1.4	.0	--	.13	--	--	--	--	27	4.67
MAY										
23...	1.8	.0	.16	--	.12	.07	.02	.01	29	13.2
JUNE										
26...	2.2	.0	--	.47	--	--	--	--	40	8.75
SEP.										
11...	3.6	.0	--	.10	--	--	--	--	34	4.22

DATE	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT.										
25...	16	2	.3	45	7.0	11.0	9.2	--	--	--
NOV.										
22...	19	7	.3	56	7.0	11.5	12.3	--	--	--
DEC.										
18...	16	6	.3	46	7.1	3.0	16.6	--	--	--
JAN.										
22...	14	11	.3	50	6.1	7.5	9.9	--	--	--
MAR.										
27...	12	4	.3	36	6.7	13.5	10.6	--	--	--
APR.										
21...	9	1	.3	36	6.4	14.0	10.4	--	--	--
MAY										
23...	12	4	.3	40	6.8	21.0	10.2	870	70	150
JUNE										
26...	19	8	.3	52	6.2	25.0	8.8	--	--	--
SEP.										
11...	16	1	.4	54	7.1	25.0	7.4	--	--	--

02464000 North River near Samantha, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.												
25...	1	<1	ND	1	1	1	1	ND	3	<1	32	7
NOV.												
22...	1	1	<1	1	1	<1	1	ND	3	ND	51	5
DEC.												
18...	<1	<1	1	1	<1	1	1	ND	2	<1	55	6
JAN.												
22...	3	2	ND	1	6	1	1	1.4	2	ND	60	450
MAR.												
27...	ND	<1	1	1	2	ND	1	<.2	6	ND	70	4
APR.												
21...	<1	<1	ND	2	1	1	1	<.2	1	ND	18	10
MAY												
23...	<1	<1	ND	1	--	ND	--	<.2	--	--	64	9
JUNE												
26...	1	<1	ND	1	--	ND	--	<.2	--	--	28	8
SEP.												
11...	1	<1	<1	1	--	2	--	.2	--	--	50	10

SUSPENDED SEDIMENT CONCENTRATION (MG/L), MARCH TO SEPTEMBER 1975
(ONCE DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	13	6	11	---	---	---
2	---	---	---	---	---	---	11	5	9	---	---	---
3	---	---	---	---	---	10	21	5	12	---	---	---
4	---	---	---	---	---	17	14	56	189	---	---	---
5	---	---	---	---	---	13	---	15	8	---	---	---
6	---	---	---	---	---	---	16	---	7	---	---	---
7	---	---	---	---	---	6	7	---	250	---	---	---
8	---	---	---	---	---	7	8	213	5	---	---	---
9	---	---	---	---	---	11	24	219	6	---	---	---
10	---	---	---	---	---	7	20	239	10	---	---	---
11	---	---	---	---	---	6	9	22	---	---	---	---
12	---	---	---	---	---	7	8	16	241	---	---	---
13	---	---	---	---	---	674	6	---	7	---	---	---
14	---	---	---	---	---	189	76	597	114	---	---	---
15	---	---	---	---	---	151	55	808	77	---	---	---
16	---	---	---	---	---	36	105	169	6	---	---	---
17	---	---	---	---	---	---	---	76	6	---	---	---
18	---	---	---	---	---	56	10	36	152	---	---	---
19	---	---	---	---	---	201	11	23	93	---	---	---
20	---	---	---	---	---	62	8	20	84	---	---	---
21	---	---	---	---	---	31	13	---	88	---	---	---
22	---	---	---	---	---	21	25	---	19	---	---	---
23	---	---	---	---	---	13	12	7	465	---	---	---
24	---	---	---	---	---	199	8	37	82	---	---	---
25	---	---	---	---	---	40	7	18	93	---	---	43
26	---	---	---	---	---	20	9	7	83	---	---	---
27	---	---	---	---	---	19	8	199	236	---	---	---
28	---	---	---	---	---	14	8	7	29	---	---	---
29	---	---	---	---	---	9	5	43	39	---	---	---
30	---	---	---	---	---	91	10	8	8	---	---	---
31	---	---	---	---	---	27	---	11	---	---	---	---
MONTH	---	---	---	---	---	72	19	110	84	---	---	---

02465000 Black Warrior River at Northport, Ala.
(formerly published as Black Warrior River at Tuscaloosa)

LOCATION (revised).--Lat 33°12'51", long 87°34'50", in NE¼ sec. 21, T. 21 S., R. 10 W., Tuscaloosa County, at gaging station attached to loading dock at Alabama State Dock Facility, at Northport 0.2 mi (0.3 km) downstream from Gulf, Mobile & Ohio Railroad bridge, 0.35 mi (0.56 km) upstream from Oliver lock and dam, 0.9 mi (1.4 km) downstream from Two Mile Creek, 5.2 mi (8.4 km) downstream from North River, and at mile 126.6 (203.7 km).

DRAINAGE AREA.--4,828 mi^2 (12,504 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1965 to September 1972 (daily), October 1972 to September 1975 (monthly).
Water temperatures: November 1960 to September 1975.

EXTREMES.--1974-75.
Water temperatures: Maximum, 30.0° C Sept. 3.

Period of record:
Water temperatures: Maximum, 35.0° C Aug. 6, 1963; minimum (1960-70, 1971-73), 5.0° C Jan. 30, 31, Dec. 25, 1963, Jan. 31, Feb. 1, 1966.

REMARKS.--No temperature data Jan. 18-Feb. 26, Sept. 19-23 because of recorder malfunction.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
25...	280	5.9	80	220	13	6.8	11	3.2	28	0	56	4.2
NOV.												
18...	478	6.2	150	120	14	7.4	13	3.4	29	0	62	4.0
DEC.												
18...	400	6.5	60	18	14	9.5	13	3.3	35	0	64	4.4
FEB.												
13...	14600	8.0	90	260	10	4.2	4.6	1.9	22	0	30	2.4
MAR.												
27...	23700	5.7	60	180	9.4	3.9	4.5	1.7	18	0	32	2.2
APR.												
25...	3230	5.9	20	270	8.1	4.8	6.0	1.9	24	0	29	2.4
MAY												
30...	478	5.2	30	170	9.1	6.1	12	2.3	32	0	42	3.2
JUNE												
26...	613	4.7	20	90	9.7	5.6	11	2.7	28	0	39	5.8
SEP.												
12...	226	5.6	10	230	11	6.4	9.9	2.7	34	0	39	4.2

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
25...	.2	.77	118	89.2	61	38	.6	192	6.5	17.0	7.2	2
NOV.												
18...	.3	.95	129	163	66	42	.7	201	7.2	16.5	6.4	4
DEC.												
18...	.3	1.4	138	159	74	46	.7	229	6.9	11.0	8.8	<1
FEB.												
13...	.0	.41	74	3310	43	25	.3	121	7.1	10.0	10.2	ND
MAR.												
27...	.0	.41	70	4480	40	25	.3	100	7.0	14.0	9.0	<1
APR.												
25...	.0	1.2	76	663	40	21	.4	124	7.1	16.5	8.5	1
MAY												
30...	.4	.88	100	129	48	22	.8	166	6.6	24.0	5.1	2
JUNE												
26...	.1	.43	94	156	47	24	.7	144	6.5	27.0	4.5	1
SEP.												
12...	.0	.61	99	60.4	54	26	.6	182	6.8	28.0	2.9	ND

02465000 Black Warrior River at Northport, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
25...	<1	1	1	3	2	16	ND	5	<1	74	9
NOV.											
18...	2	<1	1	2	1	17	<.2	3	<1	48	280
DEC.											
18...	1	1	1	2	1	20	ND	6	<1	110	10
FEB.											
13...	3	ND	1	2	<1	9	<.2	6	1	27	10
MAR.											
27...	<1	2	1	2	ND	6	<.2	9	<1	100	6
APR.											
25...	<1	ND	2	--	3	9	.2	--	--	38	9
MAY											
30...	<1	3	1	--	1	--	<.2	--	--	76	19
JUNE											
26...	<1	<1	1	--	ND	--	<.2	--	--	47	10
SEP.											
12...	1	ND	1	--	2	--	<.2	--	--	80	20

02465000 Black Warrior River at Northport, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	24.0	23.0	20.5	20.0	14.0	13.0	12.0	11.5	---	---	12.0	11.5
2	23.0	23.0	20.5	20.5	13.5	12.5	11.5	11.5	---	---	12.0	11.5
3	23.5	22.5	21.0	20.5	13.5	13.0	11.5	11.5	---	---	11.5	11.0
4	23.0	22.5	21.0	20.5	13.5	13.0	11.5	11.5	---	---	11.5	11.0
5	23.5	22.5	21.0	20.5	13.5	13.0	11.5	11.5	---	---	11.5	11.0
6	23.0	22.0	20.5	20.0	13.5	13.0	11.5	11.0	---	---	11.5	11.0
7	23.0	22.0	20.0	19.5	13.0	13.0	11.5	11.0	---	---	12.0	11.0
8	22.5	22.0	19.5	19.5	13.0	12.5	11.5	11.5	---	---	12.0	11.0
9	22.0	22.0	19.5	19.0	12.5	12.0	12.0	11.5	---	---	11.5	11.0
10	22.0	21.5	19.0	18.5	12.5	12.0	12.5	12.0	---	---	11.5	11.0
11	22.0	21.5	18.5	18.0	12.5	12.0	12.5	12.0	---	---	12.0	11.5
12	22.0	22.0	18.0	17.5	12.5	12.0	12.0	11.0	---	---	12.0	12.0
13	22.0	22.0	17.5	17.5	12.0	12.0	11.0	10.5	---	---	12.5	12.0
14	22.5	22.0	17.5	17.0	12.0	12.0	10.5	10.5	---	---	12.0	12.0
15	22.0	22.0	17.0	16.0	12.5	12.0	10.5	10.5	---	---	12.0	12.0
16	22.0	22.0	16.5	16.5	12.0	11.5	10.5	10.5	---	---	12.5	12.0
17	22.0	21.5	16.5	16.5	11.5	11.0	10.5	10.5	---	---	12.0	12.0
18	21.5	21.0	17.0	16.5	11.0	11.0	---	---	---	---	12.0	12.0
19	21.5	21.0	16.5	16.5	11.0	11.0	---	---	---	---	12.0	11.5
20	21.5	20.5	17.0	16.5	11.5	11.0	---	---	---	---	12.0	11.5
21	20.5	20.0	17.0	16.5	11.5	11.0	---	---	---	---	12.5	12.0
22	20.0	20.0	17.0	16.5	11.5	11.0	---	---	---	---	13.0	12.0
23	20.0	19.5	17.0	16.5	11.5	11.0	---	---	---	---	13.5	13.0
24	20.0	19.5	16.5	16.5	11.5	11.0	---	---	---	---	14.0	13.5
25	20.0	19.5	16.5	16.0	11.5	11.0	---	---	---	---	14.0	14.0
26	20.0	19.5	16.0	15.5	11.0	10.5	---	---	---	---	14.5	14.0
27	19.5	19.5	15.5	15.5	10.5	10.5	---	---	12.0	12.0	14.5	14.0
28	20.0	19.5	15.5	15.0	11.0	10.5	---	---	12.0	11.5	14.5	14.0
29	20.0	19.5	15.5	15.0	11.0	10.5	---	---	---	---	15.0	14.5
30	20.0	19.5	15.0	14.0	11.0	10.5	---	---	---	---	15.0	15.0
31	20.5	20.0	---	---	12.0	11.0	---	---	---	---	15.0	15.0
MONTH	24.0	19.5	21.0	14.0	14.0	10.5	---	---	---	---	15.0	11.0

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	15.0	14.5	19.0	18.5	24.0	23.5	28.0	27.5	26.5	25.5	29.5	28.0
2	15.0	15.0	20.0	19.0	25.0	24.0	28.0	27.5	26.0	24.5	29.5	28.5
3	15.0	14.5	19.5	19.5	25.5	24.5	28.0	28.0	27.5	26.0	30.0	28.0
4	15.0	14.5	20.0	19.5	25.5	25.0	28.5	28.0	27.5	26.5	29.0	28.5
5	14.5	14.5	20.5	20.0	25.5	25.0	29.0	28.0	27.0	26.5	29.0	28.5
6	14.5	14.0	20.0	19.0	25.0	24.5	28.5	28.5	27.5	27.0	28.5	28.5
7	14.5	14.5	19.5	19.0	25.0	24.5	28.5	27.5	27.5	27.5	29.0	28.0
8	14.5	14.5	19.5	19.0	25.5	24.5	28.0	27.5	28.0	27.5	28.5	28.0
9	14.5	14.0	20.0	19.5	25.5	25.0	28.0	27.5	28.0	27.5	28.5	28.0
10	14.5	14.5	20.5	20.0	26.0	25.5	28.0	28.0	28.0	27.5	28.5	28.0
11	15.0	14.5	21.0	20.5	25.5	25.0	28.0	28.0	27.5	27.0	28.5	28.0
12	15.0	14.5	21.5	21.0	25.5	25.0	28.0	27.5	28.0	27.5	28.5	28.0
13	15.0	14.5	22.5	21.0	26.0	25.5	29.0	27.5	28.5	27.5	28.0	27.5
14	14.5	14.5	22.5	21.0	26.5	26.0	28.5	27.5	28.5	28.0	27.5	27.0
15	15.0	14.5	22.5	21.5	26.0	25.5	28.5	28.0	29.0	28.0	27.5	26.5
16	15.5	14.5	21.5	21.5	27.0	25.5	28.5	28.0	28.0	27.5	27.0	26.0
17	15.5	15.0	22.0	21.5	26.5	26.0	29.0	28.5	28.0	27.5	26.0	26.0
18	16.0	15.0	22.5	21.5	27.0	26.0	29.0	28.0	28.0	27.5	26.0	26.0
19	16.0	15.5	23.0	22.5	26.5	26.5	28.5	28.0	28.0	28.0	---	---
20	16.5	15.5	23.0	22.5	27.5	26.5	28.5	28.0	28.0	27.5	---	---
21	17.0	16.0	23.5	23.0	27.0	26.5	28.0	27.5	29.0	28.0	---	---
22	17.0	16.5	24.0	23.0	28.0	26.5	28.0	28.0	29.5	28.0	---	---
23	17.5	16.5	24.5	23.5	27.5	27.0	29.0	28.0	29.0	28.5	---	---
24	17.5	17.0	25.0	24.0	28.5	27.0	28.5	28.5	29.5	28.0	24.5	24.0
25	18.0	17.0	24.5	24.0	28.0	27.0	28.5	28.0	29.0	28.5	24.5	24.0
26	17.5	17.0	25.5	24.5	28.0	27.0	28.5	28.0	28.5	28.0	24.5	24.0
27	18.5	17.5	25.5	24.5	27.5	27.0	28.5	28.5	29.0	28.0	24.0	23.5
28	19.0	18.0	25.5	24.5	28.0	27.5	29.0	28.5	28.5	28.0	24.5	23.5
29	18.5	18.5	25.5	24.5	28.0	27.5	29.0	28.5	29.0	28.0	24.0	23.0
30	18.5	18.0	24.5	24.0	28.5	28.0	28.5	28.0	28.5	28.5	23.5	23.0
31	---	---	24.5	24.0	---	---	28.0	26.5	28.5	28.0	---	---
MONTH	19.0	14.0	25.5	18.5	28.5	23.5	29.0	26.5	29.5	24.5	30.0	23.0

02467001 Tombigbee River below Demopolis Lock and Dam, near Coatopa, Ala.

LOCATION.--Lat 32°31'15", long 87°52'39", in NW¼ sec. 22, T. 18 N., R. 2 E., Marengo County, 50 yd (46 m) downstream from gaging station on left bank 100 ft (30 m) upstream from lock and dam, 0.5 mi (0.8 m) downstream from Foscue Creek, 2.5 mi (4.0 km) west of Demopolis, 3.5 mi (5.6 km) upstream from Hall Creek, 13 mi (21 km) east of Coatopa, and at mile 171.2 (275.5 km).

DRAINAGE AREA.--15,400 mi² (39,900 km²), approximately.

PERIOD OF RECORD.--Chemical analyses: October 1969 to September 1973, July 1974 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1966-69.

CHEMICAL ANALYSES, JULY 1974 TO SEPTEMBER 1975

DATE	INSTANTANEOUS DISCHARGE (CFS)	TOTAL IRON (FE) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	TOTAL MAGNESIUM (MG) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)
JULY, 1974											
26...	5750	--	--	13	--	1.9	45	12	5.7	.36	.06
JAN., 1975											
22...	66000	1900	110	13	--	1.6	31	11	3.3	.15	.01
APR.											
18...	68100	2100	120	12	--	1.8	31	10	2.7	.20	.01
JUNE											
24...	11500	--	--	13	--	1.8	40	13	4.4	.38	.01
AUG.											
05...	33800	1900	60	--	2.4	--	--	--	3.8	.32	.01
SEP.											
30...	9150	2300	80	--	1.2	--		--	5.7	.30	.03

DATE	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED ORTHO. PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)
JULY, 1974											
26...	.42	.00	.72	.72	1.1	.07	.02	75	1160	40	3
JAN., 1975											
22...	.16	.07	.30	.37	.53	.08	.02	51	9090	39	14
APR.											
18...	.21	.05	.61	.66	.87	.12	.01	74	13600	37	12
JUNE											
24...	.39	.00	.39	.39	.78	.07	.01	110	3420	40	7
AUG.											
05...	.33	.04	.56	.60	.93	.10	--	61	5570	--	--
SEP.											
30...	.33	.04	.39	.43	.76	.11	--	82	2030	--	--

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	ATMOSPHERIC DOOR (SEVERITY)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (LOW LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)
JULY, 1974											
26...	125	7.3	30.0	50	--	20	8.4	6	--	230	90
JAN., 1975											
22...	98	6.8	8.0	70	2	30	12.2	18	1.5	840	100
APR.											
18...	86	7.0	15.0	55	2	50	11.8	9	1.2	6200	320
JUNE											
24...	143	7.1	27.0	43	2	30	8.9	10	.6	7000	220
AUG.											
05...	105	7.3	25.5	90	--	35	8.2	20	1.0	--	--
SEP.											
30...	140	7.2	20.0	75	--	45	10.2	8	1.0	--	--

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	TOTAL ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	TOTAL SELENIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)
JULY, 1974											
26...	3.6	0	--	--	--	--	--	--	--	--	--
JAN., 1975											
22...	--	1	--	0	10	--	1	8	.0	0	0
APR.											
18...	17	0	1	0	<10	--	2	10	ND	0	7
JUNE											
24...	--	--	--	--	--	--	--	--	--	--	--
AUG.											
05...	--	0	2	0	<10	0	3	7	.2	0	10
SEP.											
30...	--	2	2	0	<10	0	3	4	.0	0	20

02467500 Sucarnoochee River at Livingston, Ala.

LOCATION.--Lat 32°34'25", long 88°11'36", in SW¼ sec. 33, T. 19 N., R. 2 W., Sumter County, at gaging station, on right bank 10 ft (3 m) downstream from bridge on U.S. Highway 11, 500 ft (152 m) upstream from Southern Railway bridge, 0.8 mi (1.3 km) southwest of Livingston, and 9 mi (14.5 km) upstream from Alamuchee Creek.

DRAINAGE AREA.--606 mi^2 (1,570 km^2).

PERIOD OF RECORD.--Chemical analyses: July 1972 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1967 and 1968.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
21...	229	10	530	40	4.7	1.4	3.4	1.8	21	0	3.2	3.6
NOV.												
18...	321	11	560	37	6.5	1.6	4.9	1.9	27	0	5.0	4.4
JAN.												
06...	718	13	350	70	9.8	1.7	3.4	1.7	30	0	10	3.4
FEB.												
12...	2350	8.4	240	33	8.5	1.2	3.5	1.4	28	0	9.6	2.8
MAR.												
28...	1100	11	360	67	8.3	1.8	3.2	1.5	32	0	8.4	3.6
MAY												
06...	1680	11	450	13	6.8	1.7	3.6	1.8	22	0	8.6	3.8
JUNE												
19...	545	12	460	42	7.2	1.5	3.2	1.3	29	0	6.4	3.0
JULY												
29...	425	9.9	330	ND	3.9	1.2	3.3	1.3	16	0	4.4	3.0
SEP.												
04...	221	11	250	39	6.0	1.6	3.7	1.3	30	0	3.6	2.4

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
21...	.1	.05	39	24.1	18	1	.4	57	6.5	14.0	11.0	1
NOV.												
18...	.1	.06	49	44.2	23	1	.4	75	7.4	10.5	11.8	ND
JAN.												
06...	.1	.08	62	128	32	8	.3	88	7.2	9.0	10.9	<1
FEB.												
12...	.0	.07	50	317	26	3	.3	76	7.1	11.5	10.2	1
MAR.												
28...	.0	.07	54	160	28	2	.3	78	7.4	16.5	8.8	2
MAY												
06...	.0	.08	49	222	24	6	.3	68	6.7	21.0	9.1	ND
JUNE												
19...	.0	.14	50	73.6	24	0	.3	74	7.4	27.0	8.1	ND
JULY												
29...	.0	.19	36	41.3	15	2	.4	43	7.0	26.0	7.9	<1
SEP.												
04...	.0	.11	45	26.9	22	0	.3	64	7.3	26.5	7.7	ND

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
21...	<1	ND	1	2	1	3	<.2	2	<1	61	7
NOV.											
18...	1	<1	1	1	<1	3	<.2	2	ND	52	10
JAN.											
06...	1	<1	2	<1	ND	5	<.2	2	ND	110	7
FEB.											
12...	<1	<1	2	2	<1	5	<.2	4	ND	85	5
MAR.											
28...	<1	ND	1	2	<1	4	ND	4	ND	100	ND
MAY											
06...	1	1	1	--	4	--	<.2	--	--	94	9
JUNE											
19...	<1	1	1	--	1	--	.3	--	--	82	12
JULY											
29...	2	<1	1	--	<1	--	ND	--	--	55	10
SEP.											
04...	<1	<1	1	--	<1	--	.2	--	--	80	10

02468500 Chickasaw Bogue near Linden, Ala.

LOCATION.--Lat 32°19'45", long 87°47'27", in SW¼ sec. 28, T. 16 N., R. 3 E., Marengo County, at gaging station, near left bank on downstream side of bridge on U.S. Highway 43, 1.5 mi (2.4 km) north of Linden, 2 mi (3.2 km) downstream from Atkin Creek, and 11 mi (18 km) upstream from mouth.

DRAINAGE AREA.--258 mi^2 (668 km^2).

PERIOD OF RECORD.--Chemical analyses: July 1972 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1966, 1968, and 1969.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
21...	73	7.9	30	99	41	2.5	12	3.1	130	0	14	14
NOV.												
18...	80	8.2	190	80	51	2.4	9.8	3.3	140	0	24	13
JAN.												
06...	225	8.7	100	60	48	2.2	6.8	2.8	130	0	24	11
FEB.												
12...	910	6.9	160	18	44	1.1	5.1	2.3	130	0	14	6.6
MAR.												
28...	511	7.6	140	69	37	2.1	6.1	1.9	110	0	14	7.8
MAY												
06...	91	7.1	160	51	37	1.9	9.1	2.1	110	0	16	11
JUNE												
19...	24	7.8	150	100	44	2.3	17	2.5	140	0	17	19
JULY												
29...	21	7.2	100	54	35	1.9	48	3.7	120	0	9.0	63
SEP.												
04...	9.7	7.9	90	220	41	2.6	25	2.6	150	0	9.4	25

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
21...	.1	.08	159	33.5	110	4	.5	303	6.6	14.5	9.9	1
NOV.												
18...	.2	.25	182	39.1	140	26	.4	308	7.8	13.5	10.2	1
JAN.												
06...	.1	.07	168	101	130	24	.3	292	7.8	9.0	11.8	ND
FEB.												
12...	.0	.06	144	354	110	4	.2	240	7.7	14.0	9.0	ND
MAR.												
28...	.2	.09	131	181	100	10	.3	256	7.9	18.0	8.3	2
MAY												
06...	.1	.09	139	34.2	100	10	.4	240	7.4	20.0	7.8	2
JUNE												
19...	.4	.11	180	11.7	120	5	.7	319	7.9	27.0	7.4	2
JULY												
29...	.2	.15	228	12.9	96	0	2.1	410	7.8	28.0	6.8	1
SEP.												
04...	.2	.02	188	4.94	110	0	1.0	377	7.6	27.0	6.6	1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
21...	1	ND	1	2	ND	11	.2	2	<1	320	12
NOV.											
18...	2	1	1	2	ND	11	<.2	2	ND	310	16
JAN.											
06...	1	<1	1	1	ND	11	<.2	2	1	290	7
FEB.											
12...	<1	<1	2	3	ND	10	<.2	3	ND	260	7
MAR.											
28...	<1	ND	1	2	<1	9	ND	4	ND	270	ND
MAY											
06...	<1	1	1	--	ND	--	<.2	--	--	300	15
JUNE											
19...	<1	<1	1	--	ND	--	<.2	--	--	320	29
JULY											
29...	<1	1	1	--	1	--	<.2	--	--	280	14
SEP.											
04...	<1	<1	1	--	<1	--	.3	--	--	320	20

02469762 Tombigbee River below Coffeeville Lock and Dam, near Coffeeville, Ala.
(National stream-quality accounting network station)

LOCATION.--Lat 31°45'30", long 88°07'45", in sec. 12, T. 9 N., R. 2 W., Choctaw County, near right bank about 0.5 mi (0.8 km) downstream from Coffeeville Lock and Dam, 4 mi (6 km) downstream from Turkey Creek, 2 mi (3 km) west of Coffeeville, and at mile 74.7 (120.2 km).

DRAINAGE AREA.--18,500 mi^2 (47,900 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: October 1969 to September 1973, August 1974 to September 1975. Water temperatures; April to September 1975.

EXTREMES.--April to September 1975.
Specific conductance: Maximum daily, 163 micromhos July 10; minimum daily, 84 micromhos Apr. 9.
Water temperatures: Maximum daily, 30.0° C on several days during June-September.

REMARKS.--Miscellaneous samples of chemical data published for water years 1967, 1969. No specific conductance or temperature data for some days because of equipment malfunction.

CHEMICAL ANALYSES, AUGUST 1974 TO SEPTEMBER 1975

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DISSOLVED IRON (FE) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	SUSPENDED MANGANESE (MN) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)
AUG., 1974										
19...	12000	--	--	--	--	--	--	--	--	--
OCT.										
24...	4402	8.8	610	270	91	30	61	16	2.9	12
NOV.										
25...	16200	8.2	1200	220	52	42	10	18	2.0	10
DEC.										
16...	20200	8.3	--	--	--	--	--	23	3.0	7.6
JAN., 1975										
13...	109000	7.1	--	--	--	--	--	15	1.7	4.0
FEB.										
18...	87000	7.2	--	--	--	--	--	12	1.9	3.8
MAR.										
24...	125000	4.8	--	--	--	--	--	9.4	1.6	3.0
APR.										
16...	85300	6.0	--	--	--	--	--	13	2.1	4.3
MAY										
13...	34600	7.9	--	--	--	--	--	15	2.1	5.6
JUNE										
03...	12800	7.7	1800	130	80	10	70	16	2.8	7.9
JULY										
10...	14000	6.6	1700	120	100	90	10	16	2.9	9.2
AUG.										
05...	32300	7.6	--	--	--	--	--	17	2.5	6.6
SEP.										
09...	6150	7.8	910	10	90	50	40	15	3.3	8.0

DATE	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)
AUG., 1974										
19...	--	--	--	--	--	--	--	--	--	--
OCT.										
24...	2.0	47	23	13	.2	.41	.25	.66	.04	103
NOV.										
25...	2.3	46	18	12	.3	.35	.36	.71	.06	95
DEC.										
16...	2.3	72	18	8.8	.4	.40	.52	.92	.15	108
JAN., 1975										
13...	1.7	39	13	3.9	.1	.21	.54	.75	.11	69
FEB.										
18...	1.2	34	12	3.4	.2	.18	.49	.67	.10	62
MAR.										
24...	1.3	29	9.9	1.5	.3	.16	.34	.50	.08	48
APR.										
16...	1.2	37	11	3.2	.1	.20	.51	.71	.04	59
MAY										
13...	1.4	41	14	5.8	.3	.36	.40	.76	.06	76
JUNE										
03...	1.5	50	18	8.4	.1	.46	.31	.77	.07	91
JULY										
10...	1.8	47	20	8.5	.3	.44	.55	.99	.06	92
AUG.										
05...	2.1	49	18	5.6	.3	.40	.55	.95	.09	88
SEP.										
09...	2.1	40	22	7.4	.2	.40	.40	.80	.05	89

02469762 Tombigbee River below Coffeeville Lock and Dam, near Coffeeville, Ala.--Continued

CHEMICAL ANALYSES, AUGUST 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED SOLIDS (TONS PER DAY)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)
AUG., 1974									
19...	--	--	--	--	142	7.3	29.0	--	9.2
OCT.									
24...	1190	52	13	.7	185	7.4	20.0	10	8.8
NOV.									
25...	4020	53	16	.6	155	7.1	15.0	10	10.2
DEC.									
16...	6000	70	11	.4	180	7.4	9.0	20	12.0
JAN., 1975									
13...	15900	44	12	.3	118	7.2	11.0	40	9.7
FEB.									
18...	15300	38	10	.3	120	6.9	13.0	70	9.9
MAR.									
24...	18900	30	6	.2	86	7.2	15.0	60	8.3
APR.									
16...	18000	41	11	.3	98	6.9	15.0	20	9.6
MAY									
13...	7380	46	12	.4	123	6.9	20.5	10	9.8
JUNE									
03...	3280	51	10	.5	189	6.9	27.0	20	8.4
JULY									
10...	3820	52	13	.6	200	7.0	30.0	15	8.7
AUG.									
05...	7590	53	13	.4	150	7.4	26.0	45	8.1
SEP.									
09...	1380	51	18	.5	154	7.4	30.0	10	8.4

DATE	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M	TOTAL PHYTO-PLANK-TON (CELLS PER ML)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
AUG., 1974									
19...	--	--	--	--	--	--	--	--	--
OCT.									
24...	--	--	250	10	7	5.8	14	166	90
NOV.									
25...	1.5	2.3	1600	300	16	24	24	1050	86
DEC.									
16...	--	--	380	104	150	--	40	2180	88
JAN., 1975									
13...	--	--	250	480	810	--	168	49400	71
FEB.									
18...	--	--	540	1000	1500	--	186	43700	79
MAR.									
24...	--	--	820	1500	110	--	148	50000	63
APR.									
16...	--	--	750	9500	760	--	150	34500	76
MAY									
13...	--	--	880	10	12	--	44	4110	92
JUNE									
03...	11	11	840	300	52	24	20	691	82
JULY									
10...	1.9	2.2	340	24	9	21	33	1250	74
AUG.									
05...	--	--	430	--	34	--	130	11300	76
SEP.									
09...	18	34	450	12	11	12	10	166	--

02469762 Tombigbee River below Coffeeville Lock and Dam, near Coffeeville, Ala.--Continued

CHEMICAL ANALYSES, AUGUST 1974 TO SEPTEMBER 1975--Continued

DATE	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)	SUS-PENDED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)
OCT., 1974									
24...	1	0	1	0	0	0	10	0	11
NOV.									
25...	1	0	1	-	0	7	<10	<10	0
JUNE, 1975									
03...	--	--	0	1	0	1	<10	<9	1
JULY									
10...	1	1	0	1	1	0	<10	<9	1
SEP.									
09...	--	--	0	0	0	0	<10	<10	0

DATE	TOTAL COBALT (CO) (UG/L)	SUS-PENDED COBALT (CO) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	SUS-PENDED COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)
OCT., 1974									
24...	1	1	0	1	0	1	5	1	4
NOV.									
25...	2	2	0	10	8	2	24	22	2
JUNE, 1975									
03...	0	0	2	9	8	1	22	21	1
JULY									
10...	0	0	0	9	2	7	23	23	0
SEP.									
09...	0	0	0	7	7	0	1	1	0

DATE	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	SUS-PENDED SELE-NIUM (SE) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT., 1974									
24...	.1	.0	.1	0	0	0	10	0	10
NOV.									
25...	.0	.0	.0	0	0	0	--	0	10
JUNE, 1975									
03...	.0	.0	.0	0	0	0	50	50	5
JULY									
10...	.2	.1	.1	--	--	0	160	160	4
SEP.									
09...	.3	.2	.1	0	0	0	30	30	3

DATE	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L)	DIS-SOLVED URANIUM (U) (UG/L)
AUG., 1974							
19...	1.0	3.0	3.8	3.0	4.8	.06	.06

02469762 Tombigbee River below Coffeeville Lock and Dam, near Coffeeville, Ala.--Continued

PHYTOPLANKTON ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

GENUS	PERCENT COMPOSITION											
	Oct. 24	Nov. 25	Dec. 16	Jan. 13	Feb. 18	Mar. 24	Apr. 16	May 13	June 3	July 10	Aug. 5	Sept. 9
ANABAENA	--	10	--	--	--	--			-	8	49	--
ANACYSTIS	--	--	--	--	--	--	--	17	31	--	--	--
ANKISTRODESMUS	--	--	--	15	--	--	--	2	--	6	--	3
CHLAMYDOMONAS	19	--	--	--	--	--	--	--	--	--	--	--
CRUCIGENIA	--	3	--	--	--	--	--	--	--	--	--	--
CYCLOTELLA	8	8	--	--	--	13	9	21	7	--	--	--
CYMBELLA	--	--	--	--	--	--	4	--	--	--	--	--
DIATOMA	4	--	--	--	--	--	--	--	--	--	--	--
EUASTRUM	--	--	--	--	--	--	--	--	2	--	--	--
EUGLENA	--	--	--	--	4	--	--	--	--	--	--	--
EUNOTIA	--	--	--	--	--	--	4	--	--	--	--	--
FRAGILARIA	--	1	--	--	4	--	--	--	--	--	--	--
GOLENKINIA	--	--	--	--	--	--	--	4	--	--	--	--
GOMPHONEMA	--	--	--	11	--	--	--	--	--	--	--	--
KIRCHNERIELLA	--	--	--	--	--	--	--	--	5	--	--	--
LYNGBYA	--	66	--	--	64	--	--	--	--	--	--	72
MELOSIRA	65	11	26	44	--	--	9	34	17	43	43	--
NAVICULA	--	2	11	4	14	--	13	2	2	--	3	2
NEIDIUM	4	--	--	--	--	--	--	--	--	--	--	--
NITZSCHIA	--	--	11	15	7	--	26	11	10	4	6	2
PEDIASTRUM	--	--	--	--	--	--	--	--	--	29	--	--
PHORMIDIUM	--	--	--	--	--	56	--	--	3	--	--	--
PINNULARIA	--	--	--	--	4	--	--	--	--	--	--	--
PTEROMONAS	--	--	--	--	--	--	--	--	2	--	--	--
SCENEDESMUS	--	--	53	--	--	25	35	9	14	8	--	--
SCHROEDERIA	--	--	--	--	--	--	--	--	--	2	--	--
SURIRELLA	--	--	--	4	--	--	--	--	--	--	--	--
SYNEDRA	--	--	--	7	--	6	--	--	--	--	--	20
TETRASTRUM	--	--	--	--	--	--	--	--	7	--	--	--
TRACHELOMONAS	--	--	--	--	4	--	--	--	--	--	--	2

02469762 Tombigbee River below Coffeeville Lock and Dam, near Coffeeville, Ala--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), APRIL TO SEPTEMBER 1975
(ONCE DAILY MEASUREMENT AT 1300)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							---	113	130	139	132	149
2							---	111	128	136	130	148
3							---	112	141	136	130	150
4							---	117	142	138	140	155
5							---	104	142	137	144	151
6							---	108	141	143	142	150
7							100	128	137	150	122	151
8							90	129	138	143	102	151
9							84	116	135	155	106	150
10							91	---	138	163	104	148
11							99	121	150	152	120	141
12							108	122	146	152	114	143
13							105	122	151	153	106	143
14							110	118	149	153	106	150
15							108	117	151	151	106	---
16							99	122	148	150	122	---
17							103	122	146	151	124	---
18							85	123	151	150	126	---
19							96	122	140	150	124	150
20							98	122	142	151	134	150
21							92	124	144	153	133	150
22							90	122	142	142	131	152
23							96	131	136	148	130	152
24							105	126	140	150	128	152
25							116	127	143	150	---	153
26							117	126	143	148	---	154
27							116	126	145	150	---	142
28							114	128	143	150	153	150
29							121	126	141	146	151	151
30							114	128	142	146	149	151
31							---	128	---	148	---	---
MONTH							102	121	142	148	126	150

TEMPERATURE (DEG. C) OF WATER, APRIL TO SEPTEMBER 1975
(ONCE DAILY MEASUREMENT AT 1300)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							---	21.0	27.0	29.0	28.0	29.0
2							---	22.0	26.0	29.0	27.0	30.0
3							---	21.0	---	29.0	28.0	30.0
4							---	22.0	27.0	29.0	27.0	30.0
5							---	22.0	29.0	29.0	27.0	29.0
6							---	22.0	29.0	29.0	26.0	29.0
7							15.0	22.0	28.0	30.0	27.0	28.0
8							17.0	23.0	28.0	29.0	27.0	30.0
9							19.0	24.0	28.0	30.0	26.0	30.0
10							17.0	---	28.0	---	26.0	30.0
11							16.0	23.0	28.0	30.0	27.0	30.0
12							16.0	23.0	28.0	29.0	27.0	30.0
13							16.0	24.0	28.0	30.0	28.0	28.0
14							16.0	24.0	28.0	30.0	27.0	27.0
15							16.0	23.0	28.0	30.0	28.0	28.0
16							17.0	24.0	28.0	30.0	28.0	28.0
17							17.0	24.0	28.0	30.0	28.0	---
18							19.0	25.0	28.0	30.0	28.0	---
19							17.0	25.0	28.0	30.0	28.0	28.0
20							17.0	25.0	26.0	30.0	28.0	28.0
21							18.0	25.0	29.0	30.0	28.0	28.0
22							18.0	25.0	28.0	30.0	28.0	26.0
23							20.0	25.0	28.0	30.0	28.0	25.0
24							20.0	25.0	28.0	30.0	28.0	24.0
25							21.0	25.0	29.0	30.0	---	23.0
26							21.0	26.0	29.0	30.0	---	23.0
27							19.0	26.0	29.0	30.0	---	22.0
28							21.0	26.0	28.0	30.0	---	22.0
29							22.0	26.0	30.0	30.0	29.0	22.0
30							22.0	26.0	29.0	30.0	28.0	23.0
31							---	26.0	---	29.0	29.0	---
MONTH							18.0	24.0	28.0	29.5	27.5	27.0

02471001 Chickasaw Creek near Kushla, Ala.

LOCATION.--Lat 30°48'10", long 88°08'36", in NE¼ sec. 11, T. 3 S., R. 2 W., Mobile County, at gaging station on left bank at upstream side of bridge, 0.7 mi (1.1 km) upstream from Seabury Creek, 1.4 mi (2.2 km) southeast of Kushla, and 7 mi (11 km) northwest of Mobile.

DRAINAGE AREA.--125 mi^2 (324 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1970 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1964, 1965, 1966, 1967, and 1969 as Chickasaw Creek near Whistler.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
22...	109	7.7	220	42	1.9	.6	2.2	.5	1	0	6.4	3.6
NOV.												
20...	255	9.3	280	65	1.1	.8	2.5	.8	2	0	4.4	4.0
DEC.												
18...	529	8.3	70	60	1.6	.7	2.3	.7	3	0	3.6	4.0
JAN.												
15...	286	7.9	140	0	2.1	.7	2.4	.6	1	0	7.6	4.0
FEB.												
20...	645	8.0	250	63	1.4	.8	3.3	.6	1	0	4.8	5.4
MAR.												
27...	292	6.1	200	39	.9	.6	2.3	.5	4	0	2.4	3.2
MAY												
02...	788	6.4	290	46	.9	.6	2.1	.7	2	0	3.2	3.6
JUNE												
13...	461	7.5	430	35	1.0	.4	2.2	.6	5	0	1.4	3.6
JULY												
24...	147	8.0	290	6	1.5	.5	2.5	.4	6	0	.8	3.6
AUG.												
28...	240	7.9	700	44	1.0	.6	2.8	.6	7	0	.0	3.4

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
22...	.0	.07	24	7.06	7	6	.4	28	5.9	13.0	10.3	<1
NOV.												
20...	.1	.05	24	16.5	6	5	.4	29	5.1	16.5	10.5	1
DEC.												
18...	.0	.34	24	34.3	7	5	.4	30	5.3	8.0	11.3	1
JAN.												
15...	.0	.05	26	23.9	8	7	.4	31	5.3	7.0	10.6	2
FEB.												
20...	.0	.17	26	45.3	7	6	.6	38	5.1	15.0	8.4	ND
MAR.												
27...	.0	.05	18	14.2	5	2	.5	24	5.9	15.5	9.6	2
MAY												
02...	.0	.04	19	40.4	5	4	.4	28	4.8	21.0	6.9	ND
JUNE												
13...	.0	.07	20	24.9	4	0	.5	25	5.3	23.0	8.6	2
JULY												
24...	.0	.09	21	8.33	6	1	.5	25	5.6	25.0	8.6	1
AUG.												
28...	.0	.08	20	13.0	5	0	.5	27	5.3	25.0	9.0	2

02471001 Chickasaw Creek near Kushla, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
22...	<1	<1	1	1	<1	1	<.2	1	ND	28	15
NOV.											
20...	1	2	2	1	ND	1	<.2	1	ND	24	32
DEC.											
18...	<1	<1	1	2	ND	1	<.2	2	ND	16	8
JAN.											
15...	<1	1	1	1	ND	1	<.2	1	<1	38	10
FEB.											
20...	1	<1	1	1	1	2	<.2	2	ND	20	10
MAR.											
27...	<1	<1	1	1	<1	1	ND	2	ND	40	ND
MAY											
02...	<1	1	1	--	2	--	<.2	--	--	45	15
JUNE											
13...	1	<1	1	--	1	--	<.2	--	--	41	19
JULY											
24...	<1	1	1	--	1	--	.3	--	--	47	10
AUG.											
28...	2	1	1	--	3	--	.2	--	--	40	20

02479560 Escatawpa River near Agricola, Miss.

LOCATION.--Lat 30°48'32", long 88°27'41", in SW¼ sec. 2, T. 3 S., R. 5 W., George County, Miss., on downstream side of bridge on county road 612, 6.7 mi (10.8 km) west of Wilmer, Ala., 2.5 mi (4.0 km) west of Alabama-Mississippi State line, and 4.8 mi (7.7 km) below old gage at Escatawpa River near Wilmer, Ala.

DRAINAGE AREA.--556 mi^2 (1,440 km^2).

PERIOD OF RECORD.--July 1974 to September 1975.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
22...	131	8.5	160	45	2.7	.8	3.5	.6	4	0	2.2	6.0
NOV.												
20...	760	7.3	230	70	1.5	.9	3.9	.7	2	0	3.8	6.8
DEC.												
19...	1214	8.0	130	40	1.3	.7	2.4	.5	1	0	4.2	3.8
JAN.												
15...	3930	5.7	290	1	2.1	.6	.2	.5	5	0	4.0	3.0
FEB.												
20...	5160	4.9	310	55	1.8	.5	1.6	.6	0	0	6.2	2.6
MAR.												
27...	1250	6.7	320	48	1.3	.5	2.6	.6	2	0	2.2	4.2
MAY												
02...	2120	6.6	260	46	1.0	.5	2.6	.6	1	0	2.2	4.6
JUNE												
13...	3270	6.1	470	30	1.1	.4	2.4	.5	4	0	.8	3.2
JULY												
24...	736	8.7	270	50	1.0	.5	2.8	.4	5	0	.6	4.8
AUG.												
28...	623	8.9	700	100	1.1	.6	3.2	.6	4	0	.2	5.8

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
22...	.0	.32	28	10.6	10	7	.5	38	6.0	15.0	9.9	<1
NOV.												
20...	.0	.06	26	61.6	7	6	.6	38	5.2	17.0	10.5	2
DEC.												
19...	.0	.05	22	105	6	5	.4	36	4.8	8.5	10.3	ND
JAN.												
15...	.0	.05	18	276	8	4	.0	34	4.9	7.5	10.0	8
FEB.												
20...	.0	.12	19	237	7	7	.3	23	4.5	16.5	5.9	ND
MAR.												
27...	.0	.09	20	67.5	5	4	.5	29	5.3	16.5	9.1	3
MAY												
02...	.0	.05	18	103	5	4	.5	29	4.6	21.0	7.8	1
JUNE												
13...	.0	.05	17	150	4	1	.5	21	4.7	23.0	8.2	<1
JULY												
24...	.0	.08	21	41.7	5	1	.6	29	5.1	26.0	8.8	1
AUG.												
28...	.0	.10	23	38.7	5	2	.6	35	5.1	25.0	8.4	3

02479560 Escatawpa River near Agricola, Miss.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
22...	1	<1	2	1	<1	1	<.2	1	ND	39	7
NOV.											
20...	2	<1	2	2	<1	2	.2	2	<1	40	14
DEC.											
19...	<1	<1	2	2	<1	1	<.2	2	ND	23	8
JAN.											
15...	<1	<1	2	1	1	1	<.2	2	ND	40	8
FEB.											
20...	<1	<1	1	3	1	1	2.6	3	<1	22	8
MAR.											
27...	<1	<1	1	2	1	1	ND	5	ND	45	ND
MAY											
02...	<1	1	1	--	<1	--	<.2	--	--	55	18
JUNE											
13...	1	1	1	--	3	--	.2	--	--	44	34
JULY											
24...	3	1	1	--	2	--	.3	--	--	49	25
AUG.											
28...	1	1	1	--	3	--	<.2	--	--	40	30

03575000 Flint River near Chase, Ala.

LOCATION.--Lat 34°49'22", long 86°29'01", in NW¼NW¼ sec. 36, T. 2 S., R. 1 E., Madison County, at gaging station on left bank 10 ft (3.0 m) downstream from county road, 400 ft (122 m) downstream from Brier Fork, 1100 ft (335 m) upstream from L&N railroad bridge, 5.0 mi (8.0 km) northeast of Chase, and 8.5 mi (13.7 km) northeast of Huntsville and at mile 36.2 (58.2 km).

DRAINAGE AREA.--342 mi^2 (886 km^2).

PERIOD OF RECORD.--Chemical analyses: December 1970 to September 1975.
Water temperatures: May 1964 to September 1967, November 1970 to September 1975.

EXTREMES.--1974-75.
Water temperatures: Maximum, 25.5° C on several days during July and August; minimum, 0.5° C Jan. 13-14.

Period of record:
Water temperatures: Maximum, 28.5° C Aug. 4, 1965; minimum, 0.5° C Jan. 13-14, 1975.

REMARKS.--Temperature records furnished by Tennessee Valley Authority. No temperature data for some days because of recorder malfunction. Miscellaneous samples of chemical data published for water years 1965, 1966, 1968, and 1969.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
23...	163	6.3	30	29	16	4.0	1.1	1.0	64	0	3.4	2.6
NOV.												
05...	163	6.0	100	36	15	4.0	1.1	1.2	62	0	3.6	2.4
DEC.												
20...	220	5.9	30	40	14	3.5	1.5	.9	55	0	4.6	2.4
FEB.												
04...	925	5.9	80	4	20	2.4	1.2	1.1	62	0	5.0	2.8
MAR.												
11...	567	4.4	30	37	13	2.5	1.6	1.0	51	0	4.0	2.2
APR.												
22...	553	5.4	60	--	19	2.8	1.2	1.2	66	0	4.8	2.2
MAY												
27...	300	6.0	70	26	18	3.0	1.3	1.2	61	0	4.4	2.2
JULY												
01...	194	6.8	20	30	20	3.1	1.3	1.0	64	0	2.8	3.0
SEP.												
11...	119	6.1	30	30	17	3.6	1.3	1.1	68	0	2.6	1.6

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
23...	.0	.50	69	29.9	58	6	.1	125	8.3	13.0	--	1
NOV.												
05...	.1	.38	65	31.7	54	3	.1	118	7.5	16.0	9.5	1
DEC.												
20...	.0	.66	63	41.6	50	5	.1	113	7.2	7.5	11.4	ND
FEB.												
04...	.0	.54	71	167	60	9	.1	128	7.4	9.5	12.8	<1
MAR.												
11...	.2	.50	56	85.7	43	1	.1	102	7.4	8.0	11.8	ND
APR.												
22...	.0	.63	72	108	59	5	.1	120	7.3	14.0	10.0	<1
MAY												
27...	.0	.88	70	56.7	58	8	.1	118	6.9	22.0	8.6	1
JULY												
01...	.0	1.6	77	40.3	63	10	.1	138	7.4	24.5	8.4	3
SEP.												
11...	.0	.81	70	22.5	58	3	.1	166	7.8	23.0	9.1	ND

03575000 Flint River near Chase, Ala.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
23...	<1	<1	1	1	<1	3	<.2	1	ND	35	8
NOV.											
05...	<1	ND	1	2	3	4	<.2	3	ND	56	9
DEC.											
20...	<1	<1	1	1	ND	3	ND	1	ND	24	7
FEB.											
04...	<1	ND	1	1	1	4	1.6	1	ND	83	9
MAR.											
11...	1	<1	1	1	2	3	<.2	3	ND	60	11
APR.											
22...	<1	ND	1	1	1	4	<.2	1	ND	45	10
MAY											
27...	<1	1	1	--	ND	--	<.2	--	--	66	42
JULY											
01...	<1	ND	1	--	<1	--	<.2	--	--	48	9
SEP.											
11...	ND	<1	1	--	ND	--	<.2	--	--	60	20

03575000 Flint River near Chase, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	18.0	16.0	7.0	5.5	---	---	14.5	13.5	11.0	9.5
2	---	---	18.0	15.5	5.5	5.0	---	---	14.0	11.5	9.5	7.0
3	---	---	18.0	15.5	6.5	5.0	---	---	11.5	10.5	8.5	6.0
4	---	---	18.0	16.0	6.5	4.0	---	---	10.5	9.5	9.0	5.5
5	15.0	11.0	16.5	14.0	6.0	3.5	---	---	10.0	9.0	10.5	6.0
6	15.0	11.0	14.0	12.0	6.0	4.5	---	---	---	---	11.0	8.5
7	15.0	11.5	13.0	11.0	8.0	6.0	---	---	---	---	14.0	10.5
8	15.0	12.0	13.0	11.0	8.5	7.0	---	---	---	---	12.0	9.5
9	15.0	11.5	13.0	10.0	8.0	5.5	---	---	---	---	9.5	8.5
10	15.5	12.0	12.0	10.5	6.5	4.5	---	---	---	---	9.0	8.0
11	16.0	13.0	12.0	11.0	6.5	5.0	13.5	10.5	---	---	10.5	9.0
12	16.5	14.0	11.5	9.0	9.0	6.5	10.5	5.5	---	---	14.0	10.0
13	16.5	14.5	10.5	8.5	9.5	8.0	6.5	0.5	---	---	14.0	10.0
14	17.0	15.0	9.5	7.0	9.0	8.5	4.5	0.5	10.0	8.5	11.0	8.5
15	16.5	15.0	9.0	7.0	---	---	6.0	3.5	11.5	9.0	10.0	7.0
16	15.0	13.5	9.0	5.5	---	---	8.0	5.5	13.0	11.5	11.0	10.0
17	15.5	12.0	10.5	8.5	---	---	8.0	6.0	14.5	12.0	13.0	11.0
18	15.0	12.0	11.5	10.5	---	---	9.5	7.0	14.5	11.5	13.5	12.0
19	15.5	11.5	14.0	11.5	---	---	11.0	9.0	13.0	10.5	12.0	10.5
20	13.0	10.5	14.5	12.0	---	---	9.0	5.5	11.0	8.5	14.0	10.0
21	10.5	9.5	12.0	10.5	---	---	9.5	7.0	11.5	9.0	15.5	11.5
22	10.5	10.0	11.0	9.5	---	---	10.0	8.5	12.0	10.0	16.5	14.0
23	11.0	10.0	11.0	9.5	---	---	10.5	9.0	14.5	12.0	16.5	14.5
24	11.5	10.5	13.0	10.5	---	---	10.5	9.0	14.5	10.0	17.0	15.0
25	14.0	11.5	11.5	9.0	---	---	---	---	10.5	8.0	16.0	13.5
26	15.0	13.0	9.0	7.0	---	---	---	---	10.5	8.5	13.5	11.0
27	15.5	14.0	8.5	5.5	---	---	---	---	12.0	9.5	15.0	11.5
28	15.5	14.5	8.0	5.5	---	---	---	---	12.0	10.0	17.0	14.0
29	16.0	15.0	8.0	5.5	---	---	---	---	---	---	17.0	11.5
30	17.0	15.5	8.0	6.5	---	---	14.0	12.0	---	---	11.0	10.0
31	17.0	16.0	---	---	---	---	14.5	13.5	---	---	12.0	10.0
MONTH	17.0	9.5	18.0	5.5	---	---	---	---	---	---	17.0	5.5

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	14.5	11.0	22.0	19.5	22.0	19.5	25.5	21.0	24.0	21.0	25.0	21.5
2	16.5	14.0	21.0	17.0	22.0	17.0	24.5	21.5	23.5	21.0	24.5	21.0
3	16.0	13.0	19.5	17.0	22.0	18.5	24.0	21.0	24.0	21.0	24.5	20.5
4	13.5	10.5	19.5	16.0	23.5	18.5	24.5	21.5	25.0	22.0	25.0	21.0
5	14.0	10.5	20.0	16.0	23.5	20.0	25.0	21.5	23.5	22.0	25.0	21.5
6	14.5	10.5	19.0	16.0	22.0	19.5	24.0	21.5	23.5	22.0	24.0	22.0
7	15.5	11.0	19.0	16.5	21.5	19.5	24.0	20.5	23.5	21.5	23.0	21.0
8	14.5	14.0	18.5	16.5	23.0	19.5	25.0	21.0	23.0	21.0	24.0	20.5
9	15.0	14.0	19.0	16.5	21.5	19.0	25.5	21.0	23.5	21.0	24.0	20.5
10	16.0	15.0	20.0	17.0	21.5	19.5	24.0	21.5	23.0	21.5	23.5	21.0
11	16.0	14.0	20.5	18.0	22.0	19.5	24.0	20.0	23.5	21.0	24.0	21.0
12	16.0	13.0	21.0	17.0	22.0	20.5	23.5	20.0	---	---	23.5	21.0
13	15.5	13.0	21.0	17.0	23.0	19.0	23.5	20.0	---	---	21.0	19.5
14	14.5	13.5	21.0	18.0	22.0	19.5	23.5	20.0	25.0	21.5	19.5	18.0
15	15.0	13.5	20.0	18.5	21.5	20.0	24.5	20.0	24.5	22.0	19.5	17.0
16	16.0	12.0	20.5	18.5	22.0	20.0	25.0	21.0	24.5	21.5	19.5	18.0
17	18.0	14.5	20.5	18.0	23.5	20.0	25.0	21.0	24.0	22.0	19.5	18.5
18	19.5	16.5	20.0	18.5	24.5	21.0	25.5	21.5	24.0	21.5	19.5	18.5
19	18.5	15.5	21.0	17.0	25.0	21.0	24.0	21.5	25.0	23.0	20.5	18.0
20	17.0	14.0	23.0	18.0	24.0	21.0	23.0	21.5	24.0	22.0	20.0	18.5
21	---	---	23.0	19.5	---	---	24.0	20.5	25.0	22.0	20.0	17.0
22	---	---	23.0	19.0	---	---	25.0	21.0	25.5	22.0	19.0	16.5
23	---	---	23.5	19.5	---	---	25.5	21.5	25.5	22.0	17.0	16.0
24	---	---	23.0	19.5	---	---	25.0	22.0	25.5	23.0	16.0	15.5
25	---	---	24.0	20.5	---	---	24.0	22.0	25.5	22.0	16.0	15.5
26	---	---	24.0	20.0	---	---	24.5	22.0	25.5	22.0	16.0	15.0
27	---	---	23.5	19.5	24.5	20.5	24.5	22.0	25.5	22.0	15.5	14.5
28	---	---	23.5	19.5	24.5	21.0	25.0	22.0	25.5	22.0	16.0	14.5
29	---	---	22.0	20.5	23.5	20.0	24.5	22.0	25.0	23.0	17.0	15.0
30	---	---	22.0	20.0	25.0	21.0	24.5	21.5	25.0	22.0	18.0	15.5
31	---	---	21.5	20.5	---	---	23.0	21.5	24.0	22.0	---	---
MONTH	---	---	24.0	16.0	25.0	17.0	25.5	20.0	25.5	21.0	25.0	14.5

03575040 Flint River near Mount Carmel, Ala.

LOCATION.--Lat 34°47'13", long 86°28'51", in NE¼SW¼SW¼ sec. 12, T. 3 S., R. 1 E., Madison County, 1600 ft (488 m) downstream from Chase Creek, 0.7 mi (1.1 km) northeast of Acuff Spring, 1.3 mi (2.1 km) southeast of Mount Carmel, Ala., and at mile 33.0 (53.1 km).

DRAINAGE AREA.--362 mi^2 (938 km^2).

PERIOD OF RECORD.--Chemical analyses: February to September 1972, March to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water year 1971.

CHEMICAL ANALYSES, MARCH TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
MAR.												
11...	583	4.7	50	35	13	2.5	1.6	1.1	49	0	4.0	2.8
APR.												
22...	581	5.0	80	--	19	2.7	1.2	1.1	65	0	5.2	2.2
MAY												
27...	310	5.4	80	52	15	2.8	1.6	1.8	54	0	5.4	2.4
JULY												
01...	194	6.8	50	60	19	3.5	1.5	.8	68	0	.4	2.2
SEP.												
11...	155	6.3	20	44	18	3.7	1.7	1.0	72	0	3.6	2.0

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
MAR.												
11...	.1	.20	56	88.1	43	3	.1	100	7.4	8.5	11.2	2
APR.												
22...	.0	.68	71	111	59	6	.1	119	7.4	14.0	10.2	1
MAY												
27...	.0	1.3	67	56.1	49	5	.1	116	6.7	20.5	7.7	<1
JULY												
01...	.0	1.4	74	38.8	62	6	.1	139	6.9	23.5	8.1	1
SEP.												
11...	.0	.75	75	31.4	60	1	.1	168	7.6	23.0	8.8	ND

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
MAR.											
11...	<1	<1	2	<1	ND	3	<.2	1	ND	55	6
APR.											
22...	<1	ND	2	2	1	4	<.2	1	ND	73	9
MAY											
27...	<1	1	1	--	<1	--	.2	--	--	76	12
JULY											
01...	<1	ND	1	--	<1	--	<.2	--	--	61	9
SEP.											
11...	<1	<1	1	--	<1	--	<.2	--	--	70	10

03575696 Aldridge Creek near Lily Flagg, Ala.

LOCATION.--Lat 34°37'44", long 86°32'23", in SW¼NW¼SW¼ sec. 4, T. 5 S., R. 1 E., Madison County, at bridge on Green Mountain Road, and 2.1 mi (3.4 km) southeast of Lily Flagg, Ala.

DRAINAGE AREA.--13.9 mi^2 (36.0 km^2).

PERIOD OF RECORD.--Chemical analyses: February 1972 to February 1975 (discontinued).

REMARKS.--Miscellaneous samples of chemical data published for water year 1971.

CHEMICAL ANALYSES, OCTOBER 1974 TO FEBRUARY 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
23...	.80	5.7	0	33	71	6.6	3.2	1.0	220	0	13	9.0
NOV.												
07...	.80	6.1	60	53	80	6.5	3.3	1.6	250	0	12	9.2
DEC.												
19...	35	5.4	0	30	67	6.7	3.2	.9	210	0	14	7.2
FEB.												
04...	23	7.1	30	9	63	4.9	1.7	1.2	200	0	14	3.2

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
23...	.1	1.4	224	.52	200	20	.1	417	8.2	17.0	--	1
NOV.												
07...	.2	1.6	249	.52	230	25	.1	468	8.0	11.5	11.0	ND
DEC.												
19...	.1	1.4	214	20.2	190	18	.1	402	7.7	14.0	--	<1
FEB.												
04...	.0	.61	197	12.2	180	16	.1	366	7.9	10.0	12.2	1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
23...	<1	1	2	1	1	16	<.2	3	ND	320	13
NOV.											
07...	<1	ND	1	2	<1	15	<.2	1	ND	340	11
DEC.											
19...	<1	<1	2	1	<1	13	<.2	1	ND	310	11
FEB.											
04...	<1	ND	1	1	1	12	<.2	2	ND	220	9

03575960 Huntsville Spring Branch at Martin Road near Huntsville, Ala.

LOCATION.--Lat 34°39'33", long 86°36'16", in SW¼NE¼SW¼ sec. 26, T. 4 S., R. 1 W., Madison County, at bridge on Martin Road, 2.2 mi (3.5 km) northwest of Farley Station Post Office in Huntsville, Ala., and at mile 9.8 (15.8 km).

DRAINAGE AREA.--46.9 mi^2 (121.5 km^2).

PERIOD OF RECORD.--Chemical analyses: February 1972 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water year 1971.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
23...	40	9.7	100	58	43	5.7	47	9.4	190	0	37	38
NOV.												
07...	35	9.8	140	73	51	5.9	52	10	220	0	40	40
DEC.												
19...	--	9.3	0	63	45	6.5	36	8.6	180	0	31	34
FEB.												
04...	--	7.7	30	38	47	3.8	7.3	2.0	150	0	13	8.0
MAR.												
11...	220	1.9	30	35	18	1.8	4.2	1.3	63	0	6.0	3.4
APR.												
22...	68	6.9	50	--	38	3.9	10	2.5	130	0	13	9.0
MAY												
27...	125	6.7	30	97	34	3.8	15	3.8	130	0	16	8.8
JULY												
01...	66	5.5	0	90	45	5.2	18	3.4	180	0	16	12
SEP.												
11...	38	8.0	40	76	36	4.9	30	7.5	130	0	28	32

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
23...	.5	.15	285	30.8	130	0	1.8	520	7.6	22.0	6.5	2
NOV.												
07...	.7	.14	318	30.1	150	0	1.8	550	7.6	20.0	6.6	ND
DEC.												
19...	.5	.36	262	--	140	0	1.3	450	7.1	15.5	8.9	<1
FEB.												
04...	.0	1.1	168	--	130	7	.3	305	7.7	10.0	11.6	1
MAR.												
11...	.4	.20	69	41.0	53	2	.3	127	7.8	9.0	9.8	3
APR.												
22...	.1	.66	150	27.5	110	4	.4	265	7.7	14.0	10.2	2
MAY												
27...	.4	.52	155	52.3	100	0	.7	280	6.8	23.0	6.8	3
JULY												
01...	.2	.68	197	35.2	130	0	.7	360	7.5	25.0	8.6	2
SEP.												
11...	.6	.41	213	21.9	110	4	1.2	403	7.6	27.5	--	1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
23...	<1	1	1	6	3	11	.2	8	1	110	17
NOV.											
07...	<1	<1	1	6	<1	10	.3	8	<1	120	180
DEC.											
19...	<1	1	2	4	<1	10	<.2	6	<1	82	11
FEB.											
04...	<1	ND	1	1	<1	9	<.2	2	ND	150	10
MAR.											
11...	<1	1	2	2	1	5	<.2	3	ND	100	7
APR.											
22...	<1	ND	2	3	1	9	<.2	2	ND	80	16
MAY											
27...	<1	2	1	--	2	--	<.2	--	--	110	26
JULY											
01...	<1	1	1	--	<1	--	<.2	--	--	110	15
SEP.											
11...	<1	ND	1	--	<1	--	<.2	--	--	120	30

03577150 Tennessee River at Decatur, Ala.

LOCATION.--Lat 34°36'47", long 86°58'26", in NE¼ sec. 17, T. 5 S., R. 4 W., Morgan County, temperature recorder at gaging station at Keller Memorial Bridge on U.S. Highway 31 at Decatur, 0.5 mi (0.8 km) upstream from Southern Railway bridge, 3.8 mi (6.1 km) downstream from Flint Creek, 30 mi (48 km) upstream from Wheeler Dam, and at mile 305 (491 km).

DRAINAGE AREA.--26,900 mi^2 (69,671 km^2).

PERIOD OF RECORD.--Water temperatures: February 1970 to September 1975.

EXTREMES.--1974-75.
Water temperatures: Maximum, 29.5° C on several days during August and September; minimum, 6.5° C on several days during December-February.

Period of record:
Water temperatures: Maximum, 30.0° C July 11-13, 1971, Aug. 20, 1972, July 25-29, 1973; minimum, 4.0° C Feb. 14, 16, 1971.

REMARKS.--Records furnished by Tennessee Valley Authority.

TEMPERATURE (DEG. C) OF WATER . WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	22.0	21.5	18.0	17.0	11.0	9.5	9.5	9.0	10.0	10.0	10.0	9.5
2	22.0	21.5	18.0	18.0	9.5	8.5	9.5	9.5	10.5	10.0	9.5	9.0
3	21.5	21.0	18.5	18.0	8.5	8.5	9.5	9.0	10.0	10.0	9.0	8.5
4	21.5	21.0	18.5	18.0	8.5	8.0	9.0	8.5	10.0	9.5	9.0	8.5
5	21.0	20.5	18.0	18.0	8.5	8.0	8.5	8.0	9.5	9.0	9.0	8.0
6	20.5	20.0	18.0	17.0	8.5	8.0	8.5	8.0	9.0	8.5	9.0	8.5
7	20.0	20.0	18.0	17.0	8.5	8.0	8.5	8.0	8.5	8.0	9.0	8.5
8	20.0	19.5	17.0	16.5	8.0	7.0	8.5	8.5	8.0	7.0	9.0	8.5
9	20.0	19.0	16.5	16.5	7.0	7.0	9.0	8.5	8.0	7.0	8.5	8.5
10	19.5	19.0	16.5	16.0	8.0	6.5	9.0	8.5	7.0	6.5	8.5	8.5
11	19.5	19.0	16.0	15.5	7.0	7.0	9.0	8.5	8.0	7.0	8.5	8.5
12	19.5	19.5	15.5	15.0	7.0	7.0	9.0	8.5	8.0	7.0	9.0	8.5
13	20.0	19.5	15.0	14.5	8.0	7.0	8.5	7.0	8.0	7.0	9.0	8.5
14	19.5	19.0	14.5	14.0	8.0	7.0	7.0	7.0	8.0	7.0	9.0	9.0
15	19.5	19.5	14.0	13.5	8.0	7.0	7.0	6.5	8.5	8.0	9.0	8.5
16	19.5	19.0	14.0	13.5	8.0	7.0	7.0	6.5	8.5	8.0	8.5	8.5
17	19.5	19.0	13.5	13.5	7.0	6.5	7.0	6.5	9.0	8.5	9.0	8.5
18	19.0	18.5	13.5	13.5	7.0	6.5	7.0	7.0	9.5	9.0	9.0	8.5
19	19.0	19.0	13.5	13.5	7.0	7.0	8.0	7.0	9.5	9.5	9.0	9.0
20	19.0	18.5	13.5	13.5	7.0	7.0	7.0	6.5	9.5	9.5	9.5	9.0
21	18.5	18.0	13.5	13.0	7.0	6.5	7.0	6.5	9.5	9.5	10.0	9.5
22	18.0	17.0	13.5	13.0	7.0	6.5	7.0	6.5	9.5	9.5	10.5	10.0
23	18.0	18.0	13.0	13.0	7.0	6.5	7.0	6.5	10.0	9.5	11.5	10.5
24	18.0	17.0	13.5	13.0	8.0	7.0	7.0	6.5	10.0	9.5	12.0	11.5
25	17.0	17.0	13.0	13.0	8.0	8.0	8.0	7.0	10.0	9.0	12.0	12.0
26	17.0	16.5	13.0	12.0	8.5	8.0	8.0	7.0	9.5	9.5	13.0	12.0
27	17.0	16.5	12.0	12.0	8.5	8.5	8.5	8.0	10.0	9.5	12.0	12.0
28	17.0	17.0	12.0	11.5	8.5	8.5	9.0	8.5	10.0	9.5	13.0	12.0
29	17.0	17.0	12.0	11.5	8.5	8.5	9.0	8.5	---	---	13.0	13.0
30	17.0	17.0	11.5	11.0	9.0	8.5	9.5	9.0	---	---	13.0	12.0
31	17.0	17.0	---	---	9.0	9.0	10.0	9.5	---	---	12.0	12.0
MONTH	22.0	16.5	18.5	11.0	11.0	6.5	10.0	6.5	10.5	6.5	13.0	8.0

03577150 Tennessee River at Decatur, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	12.0	11.0	19.5	18.5	24.5	24.0	27.0	26.5	27.0	26.5	29.5	29.0
2	11.5	11.0	19.5	19.0	25.0	24.5	27.0	26.5	26.5	26.5	29.0	29.0
3	11.5	11.0	19.5	19.0	25.0	24.5	27.0	27.0	26.5	26.5	29.0	28.5
4	11.0	10.5	19.0	19.0	25.0	24.5	27.0	27.0	26.5	26.5	29.0	28.5
5	11.0	10.5	20.0	19.0	25.0	24.5	28.0	27.0	27.0	26.5	29.0	28.5
6	11.0	10.5	20.0	20.0	25.0	25.0	28.0	27.0	27.0	26.5	29.0	28.5
7	11.0	10.5	20.0	19.5	25.0	25.0	27.0	26.5	27.0	26.5	28.5	28.0
8	11.0	10.5	20.0	19.5	25.0	25.0	26.5	26.0	26.5	26.5	28.0	27.0
9	11.0	10.5	20.0	19.5	25.5	25.0	26.5	26.0	26.5	26.5	28.5	28.0
10	11.0	11.0	20.0	19.5	25.0	25.0	26.5	26.5	26.5	26.5	28.5	28.0
11	11.5	11.0	20.5	20.0	25.0	24.5	26.5	26.0	26.5	26.5	28.0	27.0
12	12.0	11.0	20.5	20.0	25.0	24.5	26.5	26.0	27.0	26.5	28.0	27.0
13	12.0	11.0	21.0	20.0	25.0	24.5	26.5	26.0	28.0	27.0	27.0	26.0
14	13.0	11.5	21.5	21.0	25.0	24.5	26.5	26.0	28.0	27.0	26.0	25.5
15	13.5	13.0	21.5	21.0	24.5	24.5	27.0	26.5	28.0	27.0	25.5	24.5
16	13.5	13.0	21.5	21.0	25.0	24.5	27.0	26.5	28.0	27.0	25.5	25.0
17	14.0	13.5	21.5	21.0	25.5	25.0	28.0	26.5	28.0	28.0	25.0	24.5
18	14.5	14.0	21.5	21.0	26.0	25.0	28.0	27.0	28.0	28.0	24.5	24.0
19	15.0	14.5	21.5	21.0	26.0	25.5	28.0	27.0	28.5	28.0	24.0	24.0
20	15.0	14.5	22.0	21.5	26.0	25.5	28.0	27.0	28.5	28.0	24.0	24.0
21	15.5	15.0	23.5	22.0	26.5	26.0	27.0	26.5	29.0	28.5	24.0	23.5
22	16.0	15.5	23.5	23.0	26.5	26.0	27.0	27.0	29.0	28.5	24.0	23.0
23	16.0	16.0	24.0	23.5	26.5	26.0	28.0	27.0	29.5	29.0	23.0	21.5
24	16.5	16.0	24.0	24.0	27.0	26.5	28.0	28.0	29.5	29.0	21.5	21.0
25	17.0	16.5	24.5	24.0	27.0	26.5	28.0	28.0	29.5	29.5	21.5	19.5
26	18.0	17.0	24.5	24.5	27.0	26.5	28.0	28.0	29.5	29.5	19.5	19.0
27	19.0	17.0	25.0	24.5	27.0	26.5	28.0	28.0	29.5	29.5	19.5	19.0
28	19.0	18.5	25.0	24.5	27.0	27.0	28.5	28.0	29.5	29.5	19.5	19.0
29	19.0	18.5	25.0	25.0	27.0	26.5	28.5	28.0	29.5	29.0	19.5	19.0
30	19.0	18.5	25.0	24.5	27.0	27.0	28.5	28.0	29.5	29.0	19.5	19.0
31	---	---	24.5	24.0	---	---	28.0	27.0	29.5	29.0	---	---
MONTH	19.0	10.5	25.0	18.5	27.0	24.0	28.5	26.0	29.5	26.5	29.5	19.0

03589500 Tennessee River at Florence, Ala.

LOCATION.--Lat 34°47'13", long 87°40'12", in SW¼ sec. 14, T. 3 S., R. 11 W., Lauderdale County, at gaging station on right bank at lower end of Patten Island, 137 ft (41.8 m) upstream from Southern Railway bridge, 700 ft (213 m) upstream from O'Neal Bridge on U.S. Highway 72, 1 mi (1.6 km) south of Florence, 1.7 mi (2.7 km) upstream from Cypress Creek, 2.7 mi (4.3 km) downstream from Wilson Dam, and at mile 256.7 (413.0 km).

DRAINAGE AREA.--30,810 mi² (79,800 km²), approximately.

PERIOD OF RECORD.--Chemical analyses: February 1972 to September 1975.

REMARKS.--Miscellaneous samples of chemical data published for water years 1965 and 1968.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.												
24...	45500	5.0	10	54	20	4.9	7.2	2.2	78	0	13	8.0
NOV.												
08...	37600	4.8	80	36	18	4.8	7.4	2.1	65	0	15	9.0
DEC.												
20...	58000	4.6	0	190	21	5.4	6.7	1.9	72	0	21	7.0
FEB.												
03...	105000	6.2	30	8	20	3.5	4.6	1.7	65	0	12	5.2
MAR.												
10...	77500	4.7	0	42	19	4.3	4.3	1.4	70	0	10	3.8
APR.												
21...	59300	5.4	30	--	18	3.3	2.6	1.6	61	0	9.2	3.4
MAY												
26...	34300	3.6	10	0	21	3.8	3.5	1.4	70	0	9.8	4.2
JUNE												
30...	50000	3.8	0	ND	20	4.2	3.9	1.5	74	0	10	4.0
SEP.												
11...	33600	4.6	0	ND	18	4.4	5.8	1.5	70	0	9.8	7.0

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT.												
24...	.1	.32	100	13400	70	6	.4	172	7.8	17.0	9.8	1
NOV.												
08...	.2	.36	95	9640	65	12	.4	162	7.7	17.0	8.7	<1
DEC.												
20...	.1	.43	105	16000	75	16	.3	181	7.3	7.5	11.7	ND
FEB.												
03...	.0	.54	88	23200	65	12	.2	152	7.5	10.0	12.4	ND
MAR.												
10...	.3	.50	84	17600	65	8	.2	160	7.4	9.0	10.6	ND
APR.												
21...	.0	.63	76	12200	59	9	.1	129	7.2	16.0	9.5	1
MAY												
26...	.0	.38	83	7690	68	11	.2	148	6.9	24.0	9.1	ND
JUNE												
30...	.1	.52	86	11600	68	8	.2	183	7.1	27.5	7.2	2
SEP.												
11...	.0	.36	87	7890	63	6	.3	205	7.5	28.0	6.7	1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
24...	<1	ND	1	2	ND	6	ND	4	<1	81	6
NOV.											
08...	<1	<1	1	2	1	5	<.2	2	ND	74	19
DEC.											
20...	<1	ND	1	2	ND	5	<.2	2	ND	64	6
FEB.											
03...	<1	ND	1	1	ND	5	.7	1	ND	98	7
MAR.											
10...	<1	<1	1	1	1	6	<.2	3	ND	91	11
APR.											
21...	<1	ND	1	1	1	4	<.2	2	ND	59	10
MAY											
26...	1	<1	1	--	ND	--	<.2	--	--	67	16
JUNE											
30...	<1	<1	1	--	<1	--	<.2	--	--	78	8
SEP.											
11...	<1	ND	1	--	ND	--	.3	--	--	80	10

03592500 Bear Creek at Bishop, Ala.

Location.--Lat 34°39'21", long 88°07'21", in SE¼ sec. 5, T. 5 S., R. 15 W., Colbert County, temperature recorder at gaging station on left bank 250 ft (76 m) upstream from highway bridge, 0.5 mi (0.8 km) downstream from Cedar Creek, 0.8 mi (1.3 km) southwest of Bishop, and at mile 27.3 (43.9 km).

DRAINAGE AREA.--667 mi^2 (1,728 km^2).

PERIOD OF RECORD.--Water temperatures: February 1962 to September 1975.

EXTREMES.--1974-75.
Water temperatures: Maximum, 27.0° C on several days during August and September; minimum, 5.0° C Dec. 5.
Period of record:
Water temperatures: Maximum, 31.0° C on several days in 1966 and 1969; minimum, freezing point Dec. 26, 27, 1963, Jan. 1-3, 1964.

REMARKS.--Temperature records furnished by Tennessee Valley Authority. No temperature data July 7 to Aug. 5 because of recorder malfunction. Miscellaneous samples of chemical data published for water years 1965, 1966, 1968, 1969, and 1972.

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	18.5	17.0	18.5	17.0	7.0	6.0	13.5	13.0	13.5	13.0	11.5	10.5
2	17.0	15.5	18.5	18.0	6.5	5.5	13.0	11.0	13.5	13.0	10.5	9.5
3	15.5	15.0	19.0	18.0	6.5	6.0	11.0	11.0	13.0	12.0	9.5	7.0
4	15.0	14.5	18.0	17.0	6.5	5.5	11.0	11.0	12.0	11.0	8.0	7.0
5	14.5	14.0	17.0	16.0	6.0	5.0	11.0	10.0	11.5	11.0	8.0	6.5
6	14.5	14.0	16.0	14.5	6.0	5.5	10.5	10.0	11.5	10.0	9.0	8.0
7	14.5	14.0	14.5	13.0	8.5	6.0	10.5	10.0	10.0	9.0	11.0	9.0
8	14.5	14.0	13.0	12.0	9.5	8.5	11.5	10.5	9.0	8.5	10.5	10.0
9	14.5	14.0	12.0	11.5	9.5	8.0	11.5	11.0	8.5	8.5	10.0	8.5
10	14.5	14.0	12.0	12.0	8.0	6.0	14.5	11.5	8.5	7.0	8.5	8.0
11	15.0	14.5	13.0	12.0	6.5	6.0	14.5	13.0	9.0	7.0	8.5	8.0
12	15.5	14.5	13.0	11.5	8.0	6.5	13.0	9.5	10.5	9.0	12.0	8.5
13	16.0	15.0	12.0	10.5	8.5	7.0	9.5	8.5	10.5	9.5	12.0	10.5
14	16.5	15.5	11.0	10.0	8.5	8.0	8.5	8.0	9.5	9.0	10.5	8.5
15	17.0	16.5	10.0	8.5	9.0	8.5	9.0	8.5	10.0	9.5	9.0	8.5
16	16.5	15.5	9.0	7.0	9.0	8.5	10.0	9.0	12.0	10.0	10.0	9.0
17	16.0	15.5	8.5	8.0	8.5	8.0	10.0	9.5	13.0	12.0	11.0	10.0
18	16.0	15.5	9.5	8.5	8.0	6.0	10.5	10.0	13.0	12.0	11.0	11.0
19	16.0	15.5	11.5	9.5	7.0	6.5	11.5	10.5	13.0	11.5	11.0	10.5
20	15.5	14.5	14.0	11.5	8.0	7.0	11.5	9.5	11.5	11.0	11.5	10.5
21	15.0	14.0	14.0	12.0	8.5	8.0	9.5	8.5	11.5	10.5	12.0	11.0
22	14.5	14.0	12.0	11.0	8.5	7.0	9.0	8.5	13.0	11.5	13.5	12.0
23	14.5	14.0	11.5	11.0	9.0	8.0	9.0	8.5	14.0	12.0	14.0	13.0
24	14.5	14.0	12.0	11.5	12.0	9.0	9.0	8.5	14.0	11.0	14.5	13.5
25	14.5	14.0	12.0	11.5	13.5	12.0	9.5	8.5	11.0	10.0	14.5	12.0
26	15.0	14.5	11.5	9.5	12.0	10.5	9.5	9.0	10.5	10.0	12.0	11.0
27	15.5	14.5	10.0	8.5	11.0	10.5	10.0	9.0	11.0	10.0	13.0	11.5
28	16.0	14.5	9.0	8.0	11.5	11.0	11.5	10.0	11.0	11.0	14.0	13.0
29	16.5	15.5	8.0	7.0	12.0	11.5	12.0	11.5	---	---	15.0	13.5
30	18.0	16.5	7.0	7.0	13.5	12.0	13.0	12.0	---	---	13.5	11.5
31	18.0	17.0	---	---	13.5	13.5	13.0	12.0	---	---	11.0	11.0
MONTH	18.5	14.0	19.0	7.0	13.5	5.0	14.5	8.0	14.0	7.0	15.0	6.5

03592500 Bear Creek at Bishop, Ala.--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975--Continued

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	14.5	11.0	19.5	19.0	22.0	21.5	24.5	23.5	---	---	26.5	26.0
2	15.0	14.0	19.5	19.5	22.0	19.5	25.0	23.5	---	---	26.5	25.5
3	15.0	13.5	19.5	19.0	21.0	20.0	25.0	24.0	---	---	26.5	26.0
4	14.0	13.0	20.0	19.0	22.0	20.0	25.0	24.0	---	---	27.0	26.0
5	13.5	13.0	20.5	19.5	22.0	21.0	25.0	24.5	---	---	27.0	26.0
6	14.0	13.0	20.0	19.5	23.0	21.0	25.0	24.0	25.0	24.5	26.0	23.5
7	14.0	13.0	19.5	18.5	23.0	21.5	---	---	24.5	24.0	23.5	23.5
8	14.0	13.5	19.5	18.5	23.5	21.0	---	---	24.0	24.0	24.0	23.5
9	14.0	13.5	19.5	19.5	23.0	21.5	---	---	24.5	23.5	24.5	23.5
10	15.0	14.0	19.5	19.0	22.0	21.0	---	---	25.0	23.5	24.5	24.0
11	15.0	14.5	20.5	19.5	21.0	21.0	---	---	26.0	24.0	25.5	24.5
12	15.0	14.0	20.5	20.0	21.5	20.5	---	---	26.0	24.0	25.0	23.0
13	14.5	13.5	21.0	20.5	22.0	20.5	---	---	26.0	24.5	23.0	21.0
14	14.5	13.5	20.5	20.0	22.0	21.0	---	---	26.5	25.5	21.0	20.0
15	15.0	13.5	20.5	19.5	21.5	20.0	---	---	26.5	25.5	21.0	20.0
16	16.0	14.5	19.5	19.5	21.5	20.5	---	---	26.5	25.0	21.5	21.0
17	17.0	15.5	20.0	19.0	23.0	21.5	---	---	25.5	24.5	21.5	20.5
18	18.5	16.5	20.5	19.5	24.0	23.0	---	---	24.5	24.0	21.0	20.5
19	19.0	18.0	21.0	20.0	23.5	23.0	---	---	25.0	24.0	21.5	21.0
20	18.0	16.5	21.5	20.5	23.0	22.0	---	---	25.5	24.0	21.5	21.0
21	16.5	16.0	22.0	21.0	24.0	23.0	---	---	26.0	24.5	21.0	20.5
22	17.0	16.0	23.0	22.0	24.0	23.0	---	---	26.5	25.0	20.5	19.0
23	18.0	17.0	23.0	22.0	24.5	23.5	---	---	26.5	25.5	19.0	17.0
24	19.5	18.0	23.5	23.0	24.5	23.0	---	---	27.0	25.5	17.0	15.5
25	20.0	19.0	23.5	23.0	24.0	22.0	---	---	27.0	25.5	15.5	15.5
26	20.0	20.0	23.5	23.0	24.0	22.0	---	---	27.0	25.5	15.5	15.0
27	20.5	19.5	23.5	22.0	24.5	23.0	---	---	27.0	25.5	16.0	15.0
28	20.5	20.0	23.5	23.0	24.0	23.0	---	---	27.0	25.5	16.0	15.5
29	20.5	19.5	23.0	22.0	24.5	23.0	---	---	27.0	26.0	16.5	15.5
30	19.5	19.0	22.0	22.0	24.5	23.0	---	---	27.0	26.0	17.0	16.0
31	---	---	22.0	21.5	---	---	---	---	27.0	26.0	---	---
MONTH	20.5	11.0	23.5	18.5	24.5	19.5	---	---	27.0	23.5	27.0	15.0

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

02419890 Tallapoosa River near Montgomery, Ala. (Lat 32 26 23 Long 086 11 44)

(NO denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
NOV.												
25...	--	9.4	370	41	3.6	1.4	3.8	1.8	19	0	3.2	3.2
FEB.												
07...	--	9.5	160	14	3.9	1.1	3.3	1.4	16	0	3.6	3.2
APR.												
29...	10200	9.0	40	7	2.3	1.1	2.5	1.3	13	0	2.6	2.0
AUG.												
25...	6800	8.7	160	25	2.6	1.2	2.9	1.1	15	0	2.2	2.0

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
NOV.												
25...	.0	.17	36	--	15	0	.4	51	6.9	15.0	--	--
FEB.												
07...	.0	.13	35	--	14	1	.4	50	6.8	9.5	10.4	1
APR.												
29...	.0	.23	28	771	10	0	.3	37	6.6	17.5	10.2	ND
AUG.												
25...	.0	.15	28	514	12	0	.4	40	8.6	25.0	8.0	<1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
NOV.											
25...	--	--	--	--	--	--	--	--	--	--	--
FEB.											
07...	<1	<1	2	1	1	1	ND	4	ND	39	6
APR.											
29...	<1	1	<1	--	ND	--	<.2	--	--	37	8
AUG.											
25...	1	ND	1	--	3	--	.2	--	--	60	10

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

02423390 Cahaba River at Pump Station near Birmingham, Ala. (Lat 33 27 05 Long 086 42 58)

(ND denotes constituent not detected)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
JAN. 07...	8.2	0	54	II	3.7	6.3	I.8	40	0	I7	2.4
APR. 24...	5.4	600	22	8.9	4.7	9.4	2.4	48	0	22	2.0

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	DIS-SOLVED OXYGEN (MG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)
JAN. 07...	.I	.36	72	43	I0	.4	II6	7.7	8.0	II.8	I
APR. 24...	.0	.I9	80	42	3	.6	I36	7.4	I8.0	--	2

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN. 07...	<I	ND	1	I	<I	6	<.2	2	ND	41	8
APR. 24...	<1	ND	2	--	2	9	<.2	--	--	43	I0

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

03575480 Tennessee River at Huntsville Pump Station, near Huntsville, Ala. (Lat 34 34 06 Long 086 33 16)
(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
DEC.												
19...	--	5.0	0	30	15	5.1	6.4	1.8	60	0	16	8.2
APR.												
22...	59300	5.1	50	--	20	3.8	2.6	1.4	66	0	9.2	3.0
SEP.												
12...	31400	5.2	0	NO	18	4.7	6.0	1.5	70	0	11	7.6

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
DEC.												
19...	.1	.02	88	--	59	10	.4	167	7.2	8.0	12.0	<1
APR.												
22...	.0	.59	81	13000	66	12	.1	131	7.5	12.0	--	<1
SEP.												
12...	.0	.41	90	7630	65	8	.3	207	7.5	27.0	5.7	ND

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
DEC.											
19...	<1	<1	2	32	<1	3	<.2	1	ND	80	8
APR.											
22...	<1	ND	1	8	1	5	<.2	1	ND	48	10
SEP.											
12...	<1	1	1	--	ND	--	<.2	--	--	90	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

APALACHICOLA RIVER BASIN

02342500 - UCHEE CREEK NEAR FORT MITCHELL, ALA (LAT 32 19 00 LONG 085 00 54)

DATE	INSTANTANEOUS DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	TEMPERATURE (DEG C)
OCT., 1974			
01...	85	45	26.0
29...	40	50	16.0
DEC.			
05...	160	60	10.0
JAN., 1975			
06...	405	50	9.0
FEB.			
10...	467	55	7.0
MAR.			
24...	1040	50	15.5
MAY			
13...	332	50	19.0
JUNE			
26...	108	55	27.0
SEP.			
08...	70	--	24.0

02342933 - SOUTH FORK COWIKEE CREEK NEAR BATESVILLE, ALA (LAT 32 01 03 LONG 085 17 45)

DATE	INSTANTANEOUS DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	TEMPERATURE (DEG C)
DEC., 1974			
05...	46	80	9.0
JAN., 1975			
06...	52	80	9.5
FEB.			
10...	85	75	8.5
MAR.			
24...	969	70	15.0
JUNE			
26...	2.5	100	27.0

02343300 - ABBIE CREEK NEAR HALEBURG, ALA. (LAT 31 28 24 LONG 085 09 45)

DATE	INSTANTANEOUS DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	TEMPERATURE (DEG C)
NOV., 1974			
05...	71	40	--
DEC.			
04...	107	45	8.0
JAN., 1975			
07...	113	45	8.0
FEB.			
11...	186	45	8.0
MAR.			
25...	715	40	16.0
MAY			
14...	187	40	18.0
JUNE			
26...	148	38	24.0
JULY			
31...	1480	40	21.0
SEP.			
09...	169	45	24.0

CHOCTAWHATCHEE RIVER BASIN

02364570 - PANTHER CREEK NEAR HACODA, ALA. (LAT 31 07 15 LONG 086 11 13)

DATE	INSTANTANEOUS DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	TEMPERATURE (DEG C)
NOV., 1974			
20...	12	60	12.0
JAN., 1975			
07...	9.9	57	9.5
FEB.			
11...	15	60	11.0
MAR.			
25...	4.1	60	17.0
JUNE			
23...	19	60	19.0
JULY			
30...	838	60	21.0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

BLACKWATER RIVER BASIN

DATE	INSTANTANEOUS DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	TEMPERATURE (DEG C)
02369800 - BLACKWATER RIVER NEAR BRADLEY, ALA (LAT 31 01 39 LONG 086 42 36)			
OCT., 1974			
01...	49	20	26.0
30...	37	25	21.0
DEC.			
02...	94	20	11.0
JAN., 1975			
09...	178	25	8.0
FEB.			
13...	103	25	10.0
MAR.			
26...	280	20	16.0
JUNE			
23...	115	30	21.0
JULY			
30...	790	--	21.0
SEP.			
11...	141	--	23.0

ESCAMBIA RIVER BASIN

02372250 - PATSALIGA CREEK NEAR BRANTLEY, ALA. (LAT 31 35 46 LONG 086 24 20)			
DEC., 1974			
10...	319	70	10.0
JAN., 1975			
09...	1080	70	11.0
FEB.			
13...	657	70	12.0
MAR.			
27...	2210	65	16.5
JUNE			
23...	736	65	18.0
AUG.			
01...	2780	--	17.0
02373000 - SEPULGA RIVER NEAR MCKENZIE, ALA. (LAT 31 27 LONG 086 47)			
OCT., 1974			
31...	89	50	22.0
NOV.			
06...	83	60	20.0
JAN., 1975			
08...	1360	60	10.0
FEB.			
11...	637	60	12.0
MAR.			
25...	1470	60	16.0
MAY			
07...	581	60	18.0
JULY			
29...	100	60	21.0
02374660 - MURDER CREEK AT KIRKLAND, ALA. (LAT 31 11 30 LONG 087 01 35)			
NOV., 1974			
21...	746	40	12.0
DEC.			
02...	638	35	8.0
JAN., 1975			
09...	1360	45	11.0
FEB.			
14...	663	50	12.0
MAR.			
26...	873	45	16.0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

02399200 - LITTLE RIVER NEAR BLUE POND, ALA. (LAT 34 17 20 LONG 085 40 50)

DATE	INSTANTANEOUS DISCHARGE (CFS)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)
OCT.. 1974									
16...	5.8	16	0	2.8	32	19	45	6.5	17.0
DEC.									
04...	236	--	--	--	--	--	--	--	5.0
JAN.. 1975									
24...	380	--	--	--	--	--	25	--	9.0
FEB.									
28...	730	--	--	--	--	--	20	--	9.0
APR.									
08...	344	--	--	--	--	--	25	--	12.0
MAY									
28...	72	--	--	--	--	--	20	--	19.5
JULY									
10...	64	--	--	--	--	--	25	--	25.0
AUG.									
14...	311	--	--	--	--	--	25	--	21.0

02401745 - BIG SPRING AT JACKSONVILLE, ALA. (LAT 33 48 50 LONG 086 45 51)

DATE	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
MAR. 14...	8.8	0	36	24	13	1.8	1.2	130	0	1.6	2.8

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED ARSENIC (AS) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
MAR. 14...	.1	1.5	124	110	4	.1	242	7.3	12.0	1	<1

DATE	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
MAR. 14...	<1	2	1	ND	4	<.2	5	ND	49	6

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	INSTANTANEOUS DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	TEMPERATURE (DEG C)
02410000 - PATERSON CREEK NEAR CENTRAL, ALA. (LAT 32 40 54 LONG 086 07 40)			
OCT., 1974			
03...	1.8	60	15.5
NOV.			
19...	2.5	60	11.5
DEC.			
17...	5.3	60	8.0
JAN., 1975			
21...	8.5	40	9.0
MAR.			
04...	7.8	45	12.0
APR.			
15...	42	30	13.0
MAY			
27...	8.5	40	14.0
JUNE			
30...	5.9	45	19.5
AUG.			
11...	8.8	40	22.0
02412000 - TALLAPOOSA RIVER NEAR HEFLIN, ALA (LAT 33 37 22 LONG 085 31 20)			
NOV., 1974			
12...	393	40	10.5
DEC.			
18...	414	40	9.0
JAN., 1975			
15...	952	40	5.0
FEB.			
28...	1040	45	12.0
APR.			
17...	1140	40	14.0
MAY			
28...	480	40	14.0
JULY			
02...	379	40	22.0
AUG.			
14...	700	40	22.0
02414500 - TALLAPOOSA RIVER AT WADLEY, ALA (LAT 33 07 00 LONG 085 33 39)			
NOV., 1974			
11...	756	45	12.5
DEC.			
19...	1890	40	5.5
JAN., 1975			
16...	3890	40	6.0
FEB.			
27...	6360	40	10.0
APR.			
16...	8530	40	14.0
MAY			
29...	2620	45	16.0
JULY			
01...	2480	40	22.0
AUG.			
12...	11500	40	22.0
02422500 - MULBERRY CREEK AT JONES, ALA. (LAT 32 34 58 LONG 086 54 13)			
NOV., 1974			
06...	131	40	15.0
DEC.			
11...	150	40	8.0
JAN., 1975			
20...	578	35	9.0
FEB.			
26...	572	40	10.0
APR.			
07...	710	30	17.0
MAY			
19...	349	35	19.0
JUNE			
30...	319	40	26.5
AUG.			
11...	586	30	24.5

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	INSTANTANEOUS DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	TEMPERATURE (DEG C)
02425000 - CAHABA RIVER NEAR MARION JUNCTION, ALA (LAT 32 26 38 LONG 087 10 49)			
NOV., 1974			
11...	700	160	--
11...	706	160	14.0
DEC.			
16...	1470	140	8.0
JAN., 1975			
20...	3650	120	8.5
FEB.			
26...	4620	100	13.0
APR.			
07...	4900	95	15.0
MAY			
19...	3990	90	22.0
JULY			
02...	1300	100	21.0
AUG.			
12...	3640	105	25.0
02425500 - CEDAR CREEK AT MINTER, ALA. (LAT 32 04 45 LONG 086 59 02)			
NOV., 1974			
12...	45	200	12.0
DEC.			
23...	155	--	18.0
JAN., 1975			
13...	1110	180	8.0
FEB.			
25...	945	--	11.0
28...	321	--	12.0
APR.			
09...	225	--	16.0
MAY			
23...	87	250	30.0
JULY			
02...	71	220	27.0
AUG.			
21...	63	255	32.0
02429595 - LITTLE RIVER NEAR URIAH, ALA. (LAT 31 14 31 LONG 087 36 50)			
OCT., 1974			
03...	117	20	--
29...	102	20	16.0
DEC.			
09...	121	25	14.0
JAN., 1975			
08...	669	25	12.0
FEB.			
12...	189	30	10.0
MAR.			
25...	253	25	14.0
MAY			
08...	1770	30	18.0
JUNE			
18...	150	30	19.0
JULY			
28...	117	--	20.0
02444000 - COAL FIRE CREEK NEAR PICKENSVILLE, ALA. (LAT 33 17 51 LONG 088 15 56)			
OCT., 1974			
24...	46	32	13.0
DEC.			
04...	94	24	5.0
JAN., 1975			
09...	282	42	12.0
FEB.			
13...	249	--	11.0
APR.			
08...	161	24	14.0
30...	165	--	14.0
MAY			
02...	184	--	14.5
JUNE			
02...	71	36	23.0
JULY			
08...	89	32	24.5
AUG.			
20...	144	28	26.0

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

02448500 NOXUBEE RIVER NEAR GEIGER, ALA. (LAT 32 55 06 LONG 088 17 45)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	TOTAL IRON IN BOTTOM MATERIAL (UG/G)	TOTAL MANGANESE (MN) (UG/L)	TOTAL MANGANESE IN BOTTOM MATERIAL (UG/G)	DISSOLVED CALCIUM (CA) (MG/L)	TOTAL MAGNESIUM (MG) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	SUSPENDED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)
OCT., 1974											
22...	138	--	--	--	--	--	--	--	--	--	--
30...	130	9.6	990	4000	76	340	22	1.4	1.2	.2	65
NOV.											
25...	294	--	--	--	--	--	--	--	--	--	--
DEC.											
05...	518	--	--	--	--	--	--	--	--	--	--
10...	1750	--	--	--	--	--	--	--	--	--	--
JAN., 1975											
15...	10900	6.5	2300	--	69	--	14	--	1.3	--	34
FEB.											
13...	1200	--	--	--	--	--	--	--	--	--	--
MAR.											
20...	14400	--	--	--	--	--	--	--	--	--	--
APR.											
15...	4554	4.5	4100	--	120	--	12	--	1.1	--	34
MAY											
08...	1517	--	--	--	--	--	--	--	--	--	--
JUNE											
03...	542	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--
JULY											
16...	341	--	--	--	--	--	--	--	--	--	--
AUG.											
06...	2720	--	--	--	--	--	--	--	--	--	--

DATE	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)
OCT., 1974											
22...	--	--	--	--	--	--	--	--	--	--	--
30...	0	4.9	7.5	.08	.01	.19	.20	.28	.07	95	33.4
NOV.											
25...	0	--	--	.10	.13	.72	.85	.95	.07	97	77.0
DEC.											
05...	--	--	--	--	--	--	--	--	--	--	--
10...	0	--	--	.37	.03	1.1	1.1	1.5	.29	120	567
JAN., 1975											
15...	0	6.9	3.3	.04	.06	.56	.62	.66	.10	42	1240
FEB.											
13...	--	--	--	--	--	--	--	--	--	--	--
MAR.											
20...	--	--	--	--	--	--	--	--	--	--	--
APR.											
15...	0	7.3	3.2	.18	.04	.72	.76	.94	.17	72	885
MAY											
08...	0	--	--	.22	.01	.64	.65	.87	.17	89	365
JUNE											
03...	--	--	--	--	--	--	--	--	--	--	--
12...	0	--	--	1.1	.09	1.7	1.8	2.9	.31	120	--
JULY											
16...	--	--	--	--	--	--	--	--	--	--	--
AUG.											
06...	--	--	--	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

02448500 NOXUBEE RIVER NEAR GEIGER, ALA. (LAT 32 55 06 LONG 088 17 45)--Continued

DATE	TOTAL FILT-RABLE RESIDUE (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)
OCT., 1974										
22...	--	--	--	--	112	--	15.5	--	--	--
30...	83	14	60	7	130	7.2	19.0	30	10	6.7
NOV.										
25...	--	--	--	--	135	7.3	12.0	--	20	9.3
DEC.										
05...	--	--	--	--	145	--	6.0	--	--	--
10...	--	--	--	--	137	7.1	8.5	--	90	9.8
JAN., 1975										
15...	--	--	40	12	90	7.0	8.0	200	60	9.8
FEB.										
13...	--	--	--	--	145	--	9.5	--	--	--
MAR.										
20...	--	--	--	--	60	--	--	--	--	--
APR.										
15...	--	--	35	7	62	5.9	13.0	110	75	14.3
MAY										
08...	--	--	--	--	120	6.3	20.0	--	50	8.0
JUNE										
03...	--	--	--	--	159	--	26.5	--	--	--
12...	--	--	--	--	150	7.5	24.5	--	250	6.5
JULY										
16...	--	--	--	--	--	--	25.5	--	--	--
AUG.										
06...	--	--	--	--	--	--	25.0	--	--	--

DATE	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
OCT.										
30...	14	--	--	816	868	7.2	32	11	0	2
NOV.										
25...	18	--	--	--	--	4.1	21	17	--	--
DEC.										
10...	26	--	--	--	--	18	181	855	--	--
JAN.										
15...	41	.0	.0	270	860	11	54	1590	1	0
APR.										
15...	21	--	--	1300	3900	16	--	--	0	0
MAY										
08...	20	--	--	389	228	7.5	120	492	--	--
JUNE										
12...	18	--	--	3600	2000	19	150	--	--	--

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)
OCT.											
30...	.00	.0	.0	0	.00	2.9	.00	2.8	.00	.0	.00
JAN.											
15...	--	--	--	--	--	--	--	--	--	--	--
APR.											
15...	.00	--	.0	--	.00	--	.00	--	.00	--	.00

DATE	DI-AZINON IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	ETHION IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)
OCT.											
30...	.0	.00	.2	.00	.0	.00	.0	.00	.0	.00	.0
JAN.											
15...	--	--	--	--	--	--	--	--	--	--	--
APR.											
15...	--	.00	--	.00	--	.00	--	.00	--	.00	--

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

02448500 NOXUBEE RIVER NEAR GEIGER, ALA. (LAT 32 55 06 LONG 088 17 45)--Continued

DATE	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL MALATHION (UG/L)	MALATHION IN BOTTOM MATERIAL (UG/KG)	TOTAL METHYL PARATHION (UG/L)	METHYL PARATHION IN BOTTOM MATERIAL (UG/KG)	TOTAL METHYL TRITHION (UG/L)	METHYL TRITHION IN BOTTOM MATERIAL (UG/KG)	TOTAL PARATHION (UG/L)	PARATHION IN BOTTOM MATERIAL (UG/KG)	TOTAL PCB (UG/L)
OCT. 30...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.0
JAN. 15...	--	--	--	--	--	--	--	--	--	--	--
APR. 15...	.00	--	.00	--	.00	--	.00	--	.00	--	.0

DATE	PCB IN BOTTOM MATERIAL (UG/KG)	TOTAL TOXAPHENE (UG/L)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION IN BOTTOM MATERIAL (UG/KG)	TOTAL 2,4-D (UG/L)	2,4-D IN BOTTOM MATERIAL (UG/KG)	TOTAL 2,4,5-T (UG/L)	2,4,5-T IN BOTTOM MATERIAL (UG/KG)	TOTAL SILVEX (UG/L)	SILVEX IN BOTTOM MATERIAL (UG/KG)
OCT. 30...	0	0	0	.00	.0	.02	0	.00	0	.00	0
JAN. 15...	--	--	--	--	--	.03	--	.04	--	.01	--
APR. 15...	--	0	--	.00	--	.03	--	.01	--	.00	--

DATE	TOTAL ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MATERIAL (UG/G)	TOTAL CADMIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL CHROMIUM (CR) (UG/L)	TOTAL CHROMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL COBALT (CO) (UG/L)	TOTAL COBALT IN BOTTOM MATERIAL (UG/G)	TOTAL COPPER (CU) (UG/L)
OCT. 30...	1	4	0	<10	<10	<10	0	<10	4
JAN. 15...	1	--	0	--	<10	--	1	--	4
APR. 15...	3	--	0	--	<10	--	0	--	4

DATE	TOTAL COPPER IN BOTTOM MATERIAL (UG/G)	TOTAL LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MATERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MATERIAL (UG/G)	TOTAL SELENIUM (SE) (UG/L)	TOTAL SELENIUM IN BOTTOM MATERIAL (UG/G)	TOTAL ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MATERIAL (UG/G)
OCT. 30...	<10	4	<10	.0	.1	0	0	20	30
JAN. 15...	--	4	--	.6	--	0	--	7	--
APR. 15...	--	4	--	.0	--	1	--	10	--

DATE	DISSOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUSPENDED GROSS ALPHA AS U-NAT. (UG/L)	DISSOLVED GROSS BETA AS CS-137 (PC/L)	SUSPENDED GROSS BETA AS CS-137 (PC/L)	DISSOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUSPENDED GROSS BETA AS SR90 /Y90 (PC/L)
OCT. 30...	<1.1	.4	3.2	.5	2.5	.5

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

02449245 - BRUSH CREEK NEAR EUTAW, ALA. (LAT 32 49 51 LONG 087 58 56)

DATE	INSTANTANEOUS DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	TEMPERATURE (DEG C)
NOV., 1974			
05...	5.0	122	17.5
DEC.			
03...	14	82	6.0
24...	1520	--	20.5
JAN., 1975			
06...	52	--	9.5
FEB.			
24...	129	53	12.0
APR.			
07...	45	65	14.0
JUNE			
09...	8.9	--	23.5
JULY			
14...	4.5	--	22.0
AUG.			
20...	14	--	25.5

02449890 - BIG SPRING NEAR BLOUNTSVILLE, ALA. (LAT 34 03 18 LONG 086 39 07)

DATE	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
MAY 15...	7.6	20	0	38	2.5	1.4	.9	120	0	3.6

DATE	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)
MAY 15...	2.4	.0	1.2	121	110	12	.1	218	7.5

DATE	TEMPERATURE (DEG C)	DISSOLVED ARSENIC (AS) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
MAY 15...	15.5	NO	1	1	1	NO	<.2	79	9

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED IRON (FE) (UG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)
02454072 - BLACK BRANCH NEAR OAKMAN, ALA. (LAT 33 44 17 LONG 087 24 55)											
APR., 1975											
09...	--	2600	0	0	390	1.4	250	250	835	3.4	15.5

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	INSTANTANEOUS DISCHARGE (CFS)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)
02455000 - LOCUST FORK NEAR CLEVELAND, ALA. (LAT 34 02 00 LONG 086 34 00)									
OCT., 1974									
18...	32	--	--	--	--	--	195	--	14.0
18...	31	70	0	5.2	83	76	180	7.1	14.0
DEC.									
03...	120	--	--	--	--	--	--	--	9.0
APR., 1975									
09...	444	--	--	--	--	--	80	--	14.0
JULY									
11...	222	--	--	--	--	--	95	--	22.0
SEP.									
30...	316	--	--	--	--	--	95	--	19.5
02456000 - TURKEY CREEK AT MORRIS, ALA. (LAT 33 44 25 LONG 086 48 45.01)									
OCT., 1974									
17...	42	--	--	--	--	--	220	--	13.5
DEC.									
03...	56	--	--	--	--	--	--	--	6.0
JAN., 1975									
07...	146	--	--	--	--	--	--	--	8.0
FEB.									
13...	210	--	--	--	--	--	165	--	9.5
MAR.									
27...	212	--	--	--	--	--	--	--	14.0
AUG.									
07...	108	--	--	--	--	--	--	--	22.5
SEP.									
16...	28	--	--	--	--	--	--	--	20.0
02457000 - FIVEMILE CREEK AT KETONA, ALA. (LAT 33 36 05 LONG 086 45 20)									
DEC., 1974									
04...	15	--	--	--	--	--	--	--	7.0
FEB., 1975									
27...	38	--	--	--	--	--	295	--	15.0
APR.									
10...	49	--	--	--	--	--	265	--	16.0
AUG.									
12...	20	--	--	--	--	--	286	--	21.0
SEP.									
24...	49	--	--	--	--	--	260	--	16.0
02460500 - VILLAGE CREEK NEAR ADAMSVILLE, ALA. (LAT 33 36 20 LONG 087 00 25)									
OCT., 1974									
16...	237	--	--	--	--	--	--	--	17.5
DEC.									
03...	108	--	--	--	--	--	--	--	9.0
FEB., 1975									
13...	204	--	--	--	--	--	330	--	9.5
13...	204	73	0	9.2	120	60	295	6.6	9.5
APR.									
04...	238	--	--	--	--	--	--	--	14.0
JULY									
25...	106	--	--	--	--	--	--	--	26.5

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

02461450 OPOSSUM CREEK NEAR RUTLEDGE SPRINGS, ALA. (LAT 33 27 52 LONG 086 56 45)

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
FEB. 05...	20	12	4400	1000	88	19	13	16	77	0	260	10

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)
FEB. 05...	.3	.54	459	300	240	.3	675	7.1	16.0	8.8	1

DATE	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
FEB. 05...	<1	1	5	5	1	61	<.2	14	ND	240	170

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED IRON (FE) (UG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)
02461500 - VALLEY CREEK NEAR BESSEMER, ALA. (LAT 33 25 09 LONG 086 58 58)											
DEC., 1974 11...	--	--	--	--	--	--	--	--	680	--	16.5
MAR., 1975 11...	--	--	--	--	--	--	--	--	540	--	20.0
02462650 - BLUE CREEK NEAR SPENCER HILL, ALA. (LAT 33 27 15 LONG 087 34 35)											
APR., 1975 06...	--	30	6	0	13	1.4	24	19	48	6.8	13.5
02462685 - DAVIS CREEK AT ABERNANT, ALA. (LAT 33 17 13 LONG 087 11 50)											
APR., 1975 07...	--	120	18	0	3.0	1.6	14	0	40	7.2	15.0
02463200 - HURRICANE CREEK NEAR CEDAR COVE, ALA. (LAT 33 13 15 LONG 087 19 00)											
APR., 1975 04...	--	280	2	0	37	2.0	52	51	108	5.3	14.0
02463500 - HURRICANE CREEK NEAR HOLT, ALA. (LAT 33 12 45 LONG 087 26 55)											
APR., 1975 04...	--	90	2	0	19	1.6	22	21	54	6.0	12.0
02469800 - SATILPA CREEK NEAR COFFEEVILLE, ALA. (LAT 31 44 39 LONG 088 01 21)											
DEC., 1974 17...	333	--	--	--	--	--	--	--	80	--	6.0
APR., 1975 22...	232	--	--	--	--	--	--	--	--	--	17.0
AUG. 14...	107	--	--	--	--	--	--	--	120	--	26.0

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

331606087303901 LAKE TUSCALOOSA AT HILLTOP ESTATES LANDING (LAT 33 16 06 LONG 087 30 39.01)

(ND denotes constituent not detected)

DATE	DEPTH (FT)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
MAR.												
16...	--	6.2	0	36	1.2	1.3	1.6	1.0	5	0	5.2	1.8
APR.												
29...	--	7.7	110	58	1.9	1.1	2.0	1.0	9	0	4.4	1.8
JUNE												
13...	--	6.5	260	700	1.4	1.2	2.0	1.0	12	0	4.4	1.2
JULY												
14...	8.0	5.8	60	--	1.5	1.5	2.0	1.0	9	0	5.2	1.4
14...	30	7.2	1600	--	3.6	2.1	2.0	1.2	22	0	4.4	1.6

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL AMMONIA NITRO-GEN IN BOTTOM MAT. (MG/KG)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL NITRITE IN BOT-TOM MA-TERIAL (N) (MG/KG)	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE IN BOT-TOM MA-TERIAL (N) (MG/KG)	TOTAL NITRITE PLUS NITRATE IN BOT. MAT. (MG/KG)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM MA-TERIAL (MG/KG)
MAR.												
16...	.0	.30	.11	--	--	--	.14	--	--	--	.08	--
APR.												
29...	.0	.18	.12	180	.00	.0	.02	.00	.0	760	.04	130
JUNE												
13...	.0	.13	.13	--	.01	--	.05	--	--	--	.03	--
JULY												
14...	.0	.20	.00	--	.00	--	.05	--	--	--	.01	--
14...	.0	.20	.26	--	.01	--	.09	--	--	--	.02	--

DATE	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	DIS-SOLVED OXYGEN (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)
MAR.												
16...	.00	21	9	5	.2	30	6.2	10.5	10.4	1700	570	1300
APR.												
29...	.02	25	9	2	.3	31	6.3	19.5	7.7	--	--	--
JUNE												
13...	.00	25	9	0	.3	32	6.4	26.5	8.7	1800	42	87
JULY												
14...	.00	23	10	3	.3	37	6.9	27.0	6.3	--	14	4
14...	.00	34	18	0	.2	61	6.7	17.0	.3	--	--	--

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	SUS-PENDED SEDI-MENT (MG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED COBALT (CO) (UG/L)	TOTAL COBALT IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED COPPER (CU) (UG/L)
MAR.											
16...	7.3	59	1	--	<1	--	ND	--	2	--	2
APR.											
29...	--	8	1	4	<1	<10	ND	<10	1	10	--
JUNE											
13...	--	--	ND	--	<1	--	NO	--	1	--	--

DATE	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED SILVER (AG) (UG/L)	TOTAL SILVER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	TOTAL STRON-TIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.											
16...	--	1	--	ND	--	2	--	NO	--	46	--
APR.											
29...	<10	1	10	<.2	1.3	--	<10	--	<10	62	10
JUNE											
13...	--	ND	--	<.2	--	--	--	--	--	32	--

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	TOTAL IRON (FE) (UG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TOTAL ORGANIC CARBON (C) (MG/L)
331735087341001 - CARROLL CREEK NEAR LAKE TUSCALOOSA (LAT 33 17 35 LONG 087 34 10.01)												
JUNE, 1975												
05...	1600	8	0	.0	2.4	.21	.21	8	2	.23	6.4	7.0

331853087322701- CARROLL CREEK AT LAKE TUSCALOOSA (LAT 33 18 53 LONG 087 32 27.01)

DATE	DEPTH (FT)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
MAR.												
16...	--	6.6	30	68	1.5	1.3	1.6	1.0	6	0	4.6	1.6
APR.												
29...	--	6.6	100	87	1.8	1.1	1.5	1.0	8	0	4.2	1.6
JUNE												
13...	--	5.9	180	150	1.1	.9	1.7	.9	7	0	3.8	.8
JULY												
14...	8.0	5.6	60	--	1.2	1.1	1.7	.9	8	0	4.0	1.4
14...	45	6.3	90	--	1.5	1.1	1.6	.9	8	0	4.0	1.2

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL AMMONIA NITRO-GEN IN BOTTOM MAT. (MG/KG)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL NITRITE IN BOT-TOM MA-TERIAL (N) (MG/KG)	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE IN BOT-TOM MA-TERIAL (N) (MG/KG)	TOTAL NITRITE PLUS NITRATE IN BOT. MAT. (MG/KG)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM MA-TERIAL (MG/KG)
MAR.												
16...	.0	.30	.30	--	--	--	.18	--	--	--	.05	--
APR.												
29...	.0	.16	.08	130	.00	.0	.05	.00	.0	440	.06	120
JUNE												
13...	.0	.10	.09	--	.00	--	.27	--	--	--	.02	--
JULY												
14...	.0	11	.01	--	.00	--	.05	--	--	--	.00	--
14...	.0	.60	.00	--	.00	--	.09	--	--	--	.00	--

DATE	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	DIS-SOLVED OXYGEN (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)
MAR.												
16...	.00	22	9	4	.2	27	6.2	11.5	9.8	490	320	920
APR.												
29...	.04	22	9	3	.2	27	6.2	21.0	10.6	--	--	--
JUNE												
13...	.00	19	6	1	.3	26	6.1	27.5	9.0	1400	12	14
JULY												
14...	.00	20	8	2	.3	29	6.6	28.0	7.9	--	4	0
14...	.00	21	8	2	.2	29	6.5	13.0	2.8	--	--	--

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	SUS-PENDED SEDI-MENT (MG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED COBALT (CO) (UG/L)	TOTAL COBALT IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED COPPER (CU) (UG/L)
MAR.											
16...	8.9	14	1	--	<1	--	ND	--	2	--	1
APR.											
29...	--	5	1	2	<1	<10	ND	<10	1	<10	--
JUNE											
13...	--	--	1	--	<1	--	<1	--	1	--	--

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

331853087322701 CARROL CREEK AT LAKE TUSCALOOSA (LAT 33 18 53 LONG 087 32 27.01)--Continued

DATE	TOTAL COPPER IN BOTTOM MATERIAL (UG/G)	DISSOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MATERIAL (UG/G)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MATERIAL (UG/G)	DISSOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MATERIAL (UG/G)	DISSOLVED SILVER (AG) (UG/L)	TOTAL SILVER IN BOTTOM MATERIAL (UG/G)	DISSOLVED STRONTIUM (SR) (UG/L)	TOTAL STRONTIUM IN BOTTOM MATERIAL (UG/G)
MAR.											
16...	--	1	--	ND	--	2	--	ND	--	37	--
APR.											
29...	<10	<1	10	[illegible]	1.3	--	<10	--	<10	48	<10
JUNE											
13...	--	ND	--	[illegible]	--	--	--	--	--	32	--

DATE	TOTAL IRON (FE) (UG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	DISSOLVED NITRATE (N) (MG/L)
331900087303001 - BRUSH CREEK NEAR LAKE TUSCALOOSA (LAT 33 19 00 LONG 087 30 30.01)							
JUNE, 1975							
05...	510	6	--	1.6	2.2	.09	.09
JULY							
14...	--	6	0	--	--	--	--
332100087310001 - HAMNER CREEK NEAR LAKE TUSCALOOSA (LAT 33 21 00 LONG 087 31 00.01)							
JUNE, 1975							
05...	150	3	0	.8	1.8	.03	.03
332200087323001 - TIERCE CREEK NEAR LAKE TUSCALOOSA (LAT 33 22 00 LONG 087 32 30.01)							
JUNE, 1975							
05...	410	5	0	.8	3.4	.14	.14
JULY							
14...	--	6	0	--	--	--	--
332300087370001 - POLE BRIDGE CREEK NEAR LAKE TUSCALOOSA (LAT 33 23 00 LONG 087 37 00.01)							
JUNE, 1975							
06...	180	6	0	.6	1.4	.08	.08
JULY							
14...	--	7	0	--	--	--	--

DATE	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TOTAL ORGANIC CARBON (C) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
331900087303001 - BRUSH CREEK NEAR LAKE TUSCALOOSA (LAT 33 19 00 LONG 087 30 30.01)							
JUNE, 1975							
05...	5	0	17	6.4	8.1	--	--
JULY							
14...	--	--	17	7.1	--	1200	380
332100087310001 - HAMNER CREEK NEAR LAKE TUSCALOOSA (LAT 33 21 00 LONG 087 31 00.01)							
JUNE, 1975							
05...	[illegible]	[illegible]	12	6.1	6.5	--	--
332200087323001 - TIERCE CREEK NEAR LAKE TUSCALOOSA (LAT 33 22 00 LONG 087 32 30.01)							
JUNE, 1975							
05...	[illegible]	[illegible]	14	6.2	6.1	--	--
JULY							
14...	--	-	15	6.5	--	2500	530
332300087370001 - POLE BRIDGE CREEK NEAR LAKE TUSCALOOSA (LAT 33 23 00 LONG 087 37 00.01)							
JUNE, 1975							
06...	5	[illegible]	13	6.3	6.0	--	--
JULY							
14...	-	-	13	6.4	--	1900	370

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

332324087342401 LAKE TUSCALOOSA AT DAM NEAR TUSCALOOSA, ALA. (LAT 33 23 24 LONG 087 34 24.01)
(ND denotes constituent not detected)

DATE	DEPTH (FT)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
MAR.												
16...	--	6.8	50	65	1.5	1.3	1.4	1.0	6	0	5.2	1.6
APR.												
29...	--	6.1	90	68	1.8	1.1	1.4	1.0	7	0	4.6	1.8
JUNE												
13...	--	5.7	90	110	1.2	.9	1.7	1.0	7	0	4.6	1.4
JULY												
14...	8.0	5.8	70	--	1.4	1.1	1.6	1.0	10	0	4.2	1.2
14...	45	6.0	30	--	1.7	1.1	1.5	.8	7	0	5.0	1.4

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL AMMONIA NITRO-GEN IN BOTTOM MAT. (MG/KG)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL NITRITE IN BOT-TOM MA-TERIAL (N) (MG/KG)	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE IN BOT-TOM MA-TERIAL (N) (MG/KG)	TOTAL NITRITE PLUS NITRATE IN BOT. MAT. (MG/KG)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM MA-TERIAL (MG/KG)
MAR.												
16...	.0	.32	.13	--	--	--	.16	--	--	--	.03	--
APR.												
29...	.0	.12	.02	210	.00	.0	.08	.00	.0	1600	.06	180
JUNE												
13...	.0	.06	.09	--	.00	--	.06	--	--	--	.01	--
JULY												
14...	.0	14	.00	--	.00	--	.02	--	--	--	.00	--
14...	.0	8.0	.00	--	.00	--	.08	--	--	--	.00	--

DATE	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	DIS-SOLVED OXYGEN (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)
MAR.												
16...	.00	23	9	4	.2	29	6.3	11.5	9.8	220	64	160
APR.												
29...	.05	22	9	4	.2	28	6.2	18.0	9.0	--	--	--
JUNE												
13...	.00	20	7	2	.3	27	6.1	28.0	8.9	100	4	2
JULY												
14...	.00	21	8	0	.2	30	6.6	28.0	5.0	--	--	--
14...	.00	21	9	4	.2	30	6.1	13.0	--	--	--	--

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	SUS-PENDED SEDI-MENT (MG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED COBALT (CO) (UG/L)	TOTAL COBALT IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED COPPER (CU) (UG/L)
MAR.											
16...	12	15	1	--	<1	--	ND	--	1	--	1
APR.											
29...	--	3	1	8	<1	<10	ND	<10	1	10	--
JUNE											
13...	--	--	ND	--	<1	--	ND	--	1	--	--

DATE	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED SILVER (AG) (UG/L)	TOTAL SILVER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	TOTAL STRON-TIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.											
16...	--	ND	--	ND	--	2	--	ND	--	32	--
APR.											
29...	10	1	30	<.2	1.7	--	<10	--	<10	59	<10
JUNE											
13...	--	ND	--	.3	--	--	--	--	--	38	--

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	TOTAL IRON (FE) (UG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TOTAL ORGANIC CARBON (C) (MG/L)
332400087320001 - TURKEY CREEK NEAR LAKE TUSCALOOSA (LAT 33 24 00 LONG 087 32 00.01)												
JUNE, 1975 06...	540	8	0	1.2	2.8	.10	.10	6	0	19	6.4	6.1
332445087343001 - ORY CREEK NEAR LAKE TUSCALOOSA (LAT 33 24 45 LONG 087 34 30.01)												
JUNE, 1975 06...	860	12	0	3.0	1.8	.07	.07	12	2	33	6.5	5.4
332530087384501 - BINION CREEK NEAR LAKE TUSCALOOSA (LAT 33 25 30 LONG 087 38 45.01)												
JUNE, 1975 05...	1800	9	0	.6	1.8	.17	.17	7	0	22	6.4	6.6
332800087354501 - NORTH RIVER NEAR LAKE TUSCALOOSA (LAT 33 28 00 LONG 087 35 45.01)												
JUNE, 1975 05...	--	--	--	--	--	--	--	--	--	--	--	6.3

335016086150401 - ASHVILLE SPRING AT ASHVILLE, ALA. (LAT 33 50 16 LONG 086 15 04.01)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
MAR. 12...	8.0	0	36	39	15	1.4	.9	190	0	2.8	2.2

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
MAR. 12...	.2	.60	166	160	5	.0	332	7.6	11.0	ND	<1

DATE	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAR. 12...	<1	2	ND	1	9	ND	6	ND	79	9

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DOG RIVER BASIN

DATE	INSTANTANEOUS DISCHARGE (CFS)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)
02471065 - MONTLIMAR CREEK AT U.S. HIGHWAY 90 AT MOBILE, ALA. (LAT 30 39 03 LONG 088 07 28)									
OCT., 1974									
31...	8.4	--	--	--	--	--	100	--	21.0
JAN., 1975									
16...	13	--	--	--	--	--	100	--	9.0
FEB.									
27...	14	--	--	--	--	--	100	--	13.0
APR.									
02...	13	--	--	--	--	--	110	--	16.0
MAY									
22...	10	--	--	--	--	--	90	--	28.0
JULY									
02...	8.9	--	--	--	--	--	95	--	28.0
AUG.									
18...	11	--	--	--	--	--	105	--	29.5
TENNESSEE RIVER NASIN									
03572900 - TOWN CREEK NEAR GERALDINE, ALA (LAT 34 22 42 LONG 085 59 25)									
OCT., 1974									
16...	7.1	--	--	--	--	--	70	--	17.5
16...	7.1	15	0	5.6	33	21	68	5.8	17.5
DEC.									
02...	207	--	--	--	--	--	--	--	5.0
JAN., 1975									
24...	316	--	--	--	--	--	65	--	9.0
24...	316	4	0	3.4	18	15	65	6.0	9.0
FEB.									
26...	541	--	--	--	--	--	50	--	9.0
APR.									
08...	280	--	--	--	--	--	50	--	12.5
MAY									
28...	46	--	--	--	--	--	45	--	23.0
JULY									
03...	26	--	--	--	--	--	50	--	24.0
AUG.									
13...	69	--	--	--	--	--	49	--	24.0
SEP.									
30...	137	--	--	--	--	--	60	--	19.0
03574500 - PAINT ROCK RIVER NEAR WOODVILLE, ALA. (LAT 34 37 27 LONG 086 18 23)									
OCT., 1974									
31...	22	--	--	--	--	--	247	--	17.5
JAN., 1975									
02...	1050	--	--	--	--	--	--	--	7.0
17...	1110	--	--	--	--	--	220	--	7.5
FEB.									
25...	2900	--	--	--	--	--	215	--	11.0
APR.									
16...	380	--	--	--	--	--	215	--	14.0
MAY									
29...	184	--	--	--	--	--	235	--	23.5
JULY									
02...	171	--	--	--	--	--	200	--	23.0
AUG.									
04...	61	--	--	--	--	--	--	--	26.0
25...	40	--	--	--	--	--	--	--	27.0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	INSTAN-TANEOUS DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
03574560 - PAINT ROCK RIVER AT BUTLER MILL NEAR WOODVILLE, ALA. (LAT 34 34 47 LONG 086 18 05)												
NOV., 1974												
06...	33	3.7	40	31	53	6.8	2.1	1.5	180	0	13	3.2
03574600 - PAINT ROCK RIVER NEAR NEW HOPE, ALA. (LAT 34 30 45 LONG 086 20 25)												
NOV., 1974												
06...	47	3.9	30	32	51	6.8	2.2	1.5	174	0	13	3.2
03574709 - FLINT RIVER ABOVE STEWART BRANCH NEAR FISK, ALA. (LAT 34 59 20 LONG 086 31 32)												
NOV., 1974												
05...	20	6.0	160	75	8.1	2.1	1.2	2.5	36	0	3.6	2.4
03574787 - WATERCRESS SPRING NEAR NEW MARKET, ALA. (LAT 34 55 38 LONG 086 23 39.01)												
NOV., 1974												
04...	14	7.8	270	18	24	6.8	1.1	.5	97	0	4.2	2.4
03574795 - HESTER CREEK NEAR PLEVNA, ALA. (LAT 34 58 40 LONG 086 27 06)												
NOV., 1974												
04...	4.1	6.9	90	15	5.6	1.7	1.1	1.0	22	0	2.0	1.6
03574802 -MOUNTAIN FORK NEAR NEW MARKET, ALA. (LAT 34 52 32 LONG 086 28 27)												
NOV., 1974												
04...	37	6.9	80	43	21	5.6	1.1	.7	86	0	3.2	2.0
03574835 - BRIER FORK FLINT RIVER ABOVE BEAVERDAM CREEK NEAR MERIDIANVILLE, ALA. (LAT 34 51 12 LONG 086 32 35)												
NOV., 1974												
05...	9.9	6.2	260	99	7.8	2.3	1.1	1.8	36	0	1.6	1.6
03574870 - BEAVERDAM CREEK NEAR MERIDIANVILLE, ALA. (LAT 34 50 17 LONG 086 34 17)												
NOV., 1974												
05...	5.0	7.2	80	29	32	4.0	1.4	1.8	100	0	2.2	2.4
03575015 - BOILING SPRING NEAR MAYSVILLE, ALA. (LAT 34 48 18 LONG 086 28 20.01)												
NOV., 1974												
05...	8.6	7.8	0	7	18	4.6	1.0	.5	69	0	1.8	1.6
03575120 - FLINT RIVER WEST OF GURLEY, ALA. (LAT 34 41 47 LONG 086 25 20)												
NOV., 1974												
05...	295	6.1	80	31	18	4.1	1.5	1.1	71	0	2.8	1.6
03575140 - HURRICANE CREEK NEAR NEW MARKET, ALA. (LAT 34 52 44 LONG 086 23 14)												
NOV., 1974												
05...	.90	6.8	50	130	65	8.1	1.3	1.0	220	0	15	2.4
03575400 - FLINT RIVER NEAR OWENS CROSS ROADS, ALA. (LAT 34 32 10 LONG 086 29 28)												
NOV., 1974												
06...	252	5.8	50	31	18	4.3	1.6	1.0	74	0	3.2	2.8
03575830 - INDIAN CREEK NEAR MADISON, ALA. (LAT 34 41 50 LONG 086 42 00)												
JULY, 1975												
03...	15	--	--	--	--	--	--	--	--	--	--	--
03576000 - HUNTSVILLE SPRING BRANCH AT PATTON ROAD NEAR HUNTSVILLE, ALA. (LAT 34 37 32 LONG 086 37 46)												
NOV., 1974												
07...	40	9.2	150	430	42	5.6	36	7.5	180	0	24	32

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	DIS-SOLVED OXYGEN (MG/L)
03574560 - PAINT ROCK RIVER AT BUTLER MILL NEAR WOODVILLE, ALA. (LAT 34 34 47 LONG 086 18 05)--Continued												
NOV., 1974												
06...	.1	.27	178	174	15.9	160	13	.1	308	8.1	16.5	9.1
03574600 - PAINT ROCK RIVER NEAR NEW HOPE, ALA. (LAT 34 30 45 LONG 086 20 25)--Continued												
NOV., 1974												
06...	.1	.34	--	169	21.6	160	18	.1	310	7.8	17.0	7.6
03574709 - FLINT RIVER ABOVE STEWART BRANCH NEAR FISK, ALA. (LAT 34 59 20 LONG 086 31 32)--Continued												
NOV., 1974												
05...	.0	.06	48	44	--	29	0	.1	74	7.0	15.5	7.2
03574787 - WATERCRESS SPRING NEAR NEW MARKET, ALA. (LAT 34 55 38 LONG 086 23 39.01)--Continued												
NOV., 1974												
04...	.1	.84	107	99	--	88	9	.1	175	7.3	16.0	--
03574795 - HESTER CREEK NEAR PLEVNA, ALA. (LAT 34 58 40 LONG 086 27 06)--Continued												
NOV., 1974												
04...	.0	.17	30	32	.33	21	3	.1	45	7.4	18.5	9.5
03574802 - MOUNTAIN FORK NEAR NEW MARKET, ALA. (LAT 34 52 32 LONG 086 28 27)--Continued												
NOV., 1974												
04...	.0	.59	90	85	8.99	76	6	.1	160	7.7	17.5	9.2
03574835 - BRIER FORK FLINT RIVER ABOVE BEAVERDAM CREEK NEAR MERIDIANVILLE, ALA. (LAT 34 51 12 LONG 086 32 35)--Continued												
NOV., 1974												
05...	.0	.25	44	42	1.18	29	0	.1	72	7.0	16.0	7.3
03574870 - BEAVERDAM CREEK NEAR MERIDIANVILLE, ALA. (LAT 34 50 17 LONG 086 34 17)--Continued												
NOV., 1974												
05...	.0	.63	107	103	1.44	87	5	.1	180	7.2	16.0	7.0
03575015 - BOILING SPRING NEAR MAYSVILLE, ALA. (LAT 34 48 18 LONG 086 28 20.01)--Continued												
NOV., 1974												
05...	.0	1.5	78	76	--	64	8	.1	128	7.0	16.0	--
03575120 - FLINT RIVER WEST OF GURLEY, ALA. (LAT 34 41 47 LONG 086 25 20)--Continued												
NOV., 1974												
05...	.1	.45	66	72	52.6	62	4	.1	131	7.6	17.0	9.3
03575140 - HURRICANE CREEK NEAR NEW MARKET, ALA. (LAT 34 52 44 LONG 086 23 14)--Continued												
NOV., 1974												
05...	.2	.59	215	210	.52	200	20	.0	383	7.5	15.5	5.6
03575400 - FLINT RIVER NEAR OWENS CROSS ROADS (LAT 34 32 10 LONG 086 29 28)--Continued												
NOV., 1974												
06...	.1	.41	74	75	50.3	63	3	.1	138	7.7	16.0	9.0
03575830 - INDIAN CREEK NEAR MADISON, ALA. (LAT 34 41 50 LONG 086 42 00)--Continued												
JULY, 1975												
03...	--	--	--	--	--	--	--	--	185	--	22.5	--
03576000 - HUNTSVILLE SPRING BRANCH AT PATTON ROAD NEAR HUNTSVILLE, ALA. (LAT 34 37 32 LONG 086 37 46)--Continued												
NOV., 1974												
07...	.5	.17	254	247	27.4	130	0	1.4	430	7.4	15.5	1.1

TENNESSEE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED LITHIUM (LI) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED SILVER (AG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
03574560 - PAINT ROCK RIVER AT BUTLER MILL NEAR WOODVILLE, ALA. (LAT 34 34 47 LONG 086 18 05)--Continued												
NOV., 1974 06...	ND	<1	<1	1	2	1	11	<.2	3	ND	250	9
03574600 - PAINT ROCK RIVER NEAR NEW HOPE, ALA. (LAT 34 30 45 LONG 086 20 25)--Continued												
NOV., 1974 06...	ND	<1	<1	1	1	<1	12	<.2	2	ND	250	10
03574709 - FLINT RIVER ABOVE STEWART BRANCH NEAR FISK, ALA. (LAT 34 59 20 LONG 086 31 32)--Continued												
NOV., 1974 05...	ND	<1	ND	1	1	1	2	<.2	3	ND	37	10
03574787 - WATERCRESS SPRING NEAR NEW MARKET, ALA. (LAT 34 55 38 LONG 086 23 39.01)--Continued												
NOV., 1974 04...	ND	<1	<1	1	<1	1	5	<.2	3	ND	41	10
03574795 - HESTER CREEK NEAR PLEVNA, ALA. (LAT 34 58 40 LONG 086 27 06)--Continued												
NOV., 1974 04...	1	<1	<1	1	1	1	1	ND	2	ND	20	5
03574802 - MOUNTAIN FORK NEAR NEW MARKET, ALA. (LAT 34 52 32 LONG 086 28 27)--Continued												
NOV., 1974 04...	ND	<1	1	1	2	2	4	<.2	4	ND	49	10
03574835 - BRIER FORK FLINT RIVER ABOVE BEAVERDAM CREEK NEAR MERIDIANVILLE, ALA. (LAT 34 51 12 LONG 086 32 35)--Continued												
NOV., 1974 05...	1	1	<1	1	2	2	1	<.2	2	ND	32	10
03574870 - BEAVERDAM CREEK NEAR MERIDIANVILLE, ALA. (LAT 34 50 17 LONG 086 34 17)--Continued												
NOV., 1974 05...	ND	<1	<1	1	2	<1	5	<.2	3	ND	47	11
03575015 - BOILING SPRING NEAR MAYSVILLE, ALA. M 2 (LAT 34 48 18 LONG 086 28 20.01)--Continued												
NOV., 1974 05...	ND	1	ND	1	2	1	3	<.2	3	ND	38	10
03575120 - FLINT RIVER WEST OF GURLEY, ALA. (LAT 34 41 47 LONG 086 25 20)--Continued												
NOV., 1974 05...	ND	1	ND	<1	--	1	3	.2	3	ND	44	9
03575140 - HURRICANE CREEK NEAR NEW MARKET, ALA. (LAT 34 52 44 LONG 086 23 14)--Continued												
NOV., 1974 05...	ND	<1	<1	1	2	<1	13	<.2	3	ND	350	11
03575400 - FLINT RIVER NEAR OWENS CROSS ROADS (LAT 34 32 10 LONG 086 29 28)--Continued												
NOV., 1974 06...	<1	<1	ND	1	1	<1	4	<.2	3	ND	59	10
03575830 - INDIAN CREEK NEAR MADISON, ALA. (LAT 34 41 50 LONG 086 42 00)--Continued												
JULY, 1975 03...	--	--	--	--	--	--	--	--	--	--	--	--
03576000 - HUNTSVILLE SPRING BRANCH AT PATTON ROAD NEAR HUNTSVILLE, ALA. (LAT 34 37 32 LONG 086 37 46)--Continued												
NOV., 1974 07...	1	<1	<1	1	4	<1	10	<.2	6	ND	120	13

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	INSTANTANEOUS DISCHARGE (CFS)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
03576020 - HUNTSVILLE SPRING BRANCH AT DODD ROAD, NEAR HUNTSVILLE, ALA. (LAT 34 37 08 LONG 086 39 54)												
NOV., 1974												
07...	40	8.0	160	430	40	5.3	34	6.6	--	--	--	--
03576110 - BARREN FORK CREEK NEAR TRIANA, ALA. (LAT 34 36 52 LONG 086 44 06)												
NOV., 1974												
06...	9.0	7.0	730	1500	25	4.3	4.3	2.3	100	0	1.6	6.0

DATE	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (N) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)
03576020 - HUNTSVILLE SPRING BRANCH AT DODD ROAD, NEAR HUNTSVILLE, ALA. (LAT 34 37 08 LONG 086 39 54)												
NOV., 1974												
07...	--	--	218	--	--	120	--	1.3	408	7.5	15.0	--
03576110 - BARREN FORK CREEK NEAR TRIANA, ALA. (LAT 34 36 52 LONG 086 44 06)												
NOV., 1974												
06...	.2	.09	92	100	--	80	0	.2	180	7.3	13.0	7.0

DATE	DISSOLVED ARSENIC (AS) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	DISSOLVED LITHIUM (LI) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	DISSOLVED NICKEL (NI) (UG/L)	DISSOLVED SILVER (AG) (UG/L)	DISSOLVED STRONTIUM (SR) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
03576020 - HUNTSVILLE SPRING BRANCH AT DODD ROAD, NEAR HUNTSVILLE, ALA. (LAT 34 37 08 LONG 086 39 54)												
NOV., 1974												
07...	3	<1	NO	1	3	1	9	<.2	5	NO	110	14
03576110 - BARREN FORK CREEK NEAR TRIANA, ALA. (LAT 34 36 52 LONG 086 44 06)												
NOV., 1974												
06...	1	<1	<1	1	1	<1	5	<.2	3	NO	56	11

DATE	INSTANTANEOUS DISCHARGE (CFS)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)
03576148 - COTACO CREEK AT FLORETTE, ALA. (LAT 34 24 49 LONG 086 41 16)									
NOV., 1974									
03...	1.8	--	--	--	--	--	--	--	6.5
JAN., 1975									
17...	599	--	--	--	--	--	135	--	7.0
APR.									
15...	350	--	--	--	--	--	135	--	12.0
MAY									
30...	.114	--	--	--	--	--	125	--	19.5
JULY									
09...	1520	--	--	--	--	--	115	--	22.5
AUG.									
26...	23	--	--	--	--	--	--	--	25.0
SEP.									
30...	77	--	--	--	--	--	165	--	20.5

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	INSTANTANEOUS DISCHARGE (CFS)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)
03586500 - BIG NANCE CREEK AT COURTLAND, ALA. (LAT 34 40 12 LONG 087 19 02)									
OCT., 1974									
29...	6.7	--	--	--	--	--	295	--	17.5
DEC.									
06...	45	--	--	--	--	--	255	--	5.0
JAN., 1975									
23...	306	--	--	--	--	--	205	--	9.0
FEB.									
20...	423	--	--	--	--	--	--	--	12.0
APR.									
08...	220.	--	--	--	--	--	--	--	14.0
JULY									
30...	36	--	--	--	--	--	--	--	22.5
SEP.									
17...	41	--	--	--	--	--	--	--	18.0
03592000 - BEAR CREEK NEAR RED BAY, ALA. (LAT 34 26 38 LONG 088 06 56)									
OCT., 1974									
30...	229	--	--	--	--	--	95	--	16.0
30...	229	30	0	4.2	32	8	83	5.8	16.0
DEC.									
05...	196	--	--	--	--	--	--	--	5.0
JAN., 1975									
21...	1700	--	--	--	--	--	40	--	9.0
MAY									
06...	270	--	--	--	--	--	55	--	19.0
03592200 - CEDAR CREEK NEAR PLEASANT SITE, ALA. (LAT 34 32 56 LONG 088 01 09)									
OCT., 1974									
30...	28	--	--	--	--	--	340	--	17.5
30...	28	170	0	21	130	0	340	7.8	17.5
DEC.									
05...	105	--	--	--	--	--	--	--	5.0
JAN., 1975									
22...	509	--	--	--	--	--	260	--	7.0
FEB.									
19...	665	--	--	--	--	--	--	--	9.0
MAY									
06...	154	--	--	--	--	--	255	--	19.0
AUG.									
04...	157	--	--	--	--	--	--	--	24.0
03592300 - LITTLE BEAR CREEK NEAR HALLTOWN, ALA. (LAT 34 29 19 LONG 088 02 07)									
OCT., 1974									
30...	24	--	--	--	--	--	160	--	16.5
DEC.									
05...	51	--	--	--	--	--	--	--	5.0
JAN., 1975									
21...	256	--	--	--	--	--	130	--	7.5
FEB.									
20...	274	--	--	--	--	--	120	--	9.0
MAY									
06...	79	--	--	--	--	--	--	--	19.5
JUNE									
19...	79	--	--	--	--	--	--	--	22.0
AUG.									
04...	109	--	--	--	--	--	130	--	23.0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

(ND denotes constituent not detected)

DATE	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
341308086243101 - BIG SPRING NEAR GUNTERSVILLE, ALA. (LAT 34 13 08 LONG 086 24 31.01)										
MAY , 1975										
16...	6.9	10	33	41	2.3	1.3	.7	130	0	2.8
343054085411801 - SNODGRASS SPRING NEAR FORT PAYNE, ALA. (LAT 34 30 54 LONG 085 41 18.01)										
MAY , 1975										
16...	7.2	40	ND	27	14	.7	.6	150	0	2.0

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)
341308086243101 - BIG SPRING NEAR GUNTERSVILLE, ALA. (LAT 34 13 08 LONG 086 24 31.01)									
MAY , 1975									
16...	2.0	.0	.79	125	110	4	.1	225	7.2
343054085411801 - SNODGRASS SPRING NEAR FORT PAYNE, ALA. (LAT 34 30 54 LONG 085 41 18.01)									
MAY , 1975									
16...	.8	.0	.27	128	130	7	.0	218	7.9

DATE	TEMPER-ATURE (DEG C)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	DIS-SOLVED STRON-TIUM (SR) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
341308086243101 - BIG SPRING NEAR GUNTERSVILLE, ALA. (LAT 34 13 08 LONG 086 24 31.01)									
MAY , 1975									
16...	15.0	ND	1	1	1	ND	<.2	73	10
343054085411801 - SNODGRASS SPRING NEAR FORT PAYNE, ALA. (LAT 34 30 54 LONG 085 41 18.01)									
MAY , 1975									
16...	15.0	ND	<1	1	1	ND	<.2	35	10

GROUND-WATER RECORDS

302435087414001. Local number Bal-1. Riviera Utilities. At Foley. Drilled unused artesian well in sand and gravel of Miocene age, diam 10 in (25 cm), depth 134 ft (41 m), cased to 94 ft (29 m), slotted 94-134 ft (29-41 m). Lsd 76 ft (23 m) above msl. MP top of casing, 0.70 ft (0.21 m) above lsd. Highest water level 15.0 ft (4.6 m) below lsd, Oct. 13, 1959; lowest 31.2 ft (9.5 m) below lsd, June 22, 1956. Records available: 1949-75. Water levels affected by pumping of nearby wells. Measurements made by Riviera Utilities.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				24.3	24.3	24.4	24.6	....	25.0	25.7	26.2	26.5
10	NOTE: Water levels for			24.2	24.5	24.5	24.9	24.8	25.0	25.6	26.0	26.5
15	October-December 1973			24.2	24.3	24.5	24.8	25.1	25.2	25.8	26.1	26.0
20	published in WSP 2171			24.1	24.2	24.6	24.7	25.2	25.4	25.9	26.0	26.5
25				24.2	24.5	24.8	24.6	24.9	25.6	25.7	26.1	26.0
Eom				24.5	24.5	24.6	24.9	25.2	25.5	26.2	26.0	26.6

Water year October 1974 to September 1975

5	26.3	26.8	26.9	27.0	27.2	26.9	26.8	26.6	26.4	26.0	25.5	24.5
10	26.6	26.5	26.8	26.9	27.2	26.9	....	26.6	26.5	26.1	25.4	24.4
15	26.6	26.7	26.9	26.9	27.2	27.1	26.8	26.4	26.2	26.3	25.6	24.1
20	26.5	26.8	26.9	26.9	27.0	26.8	26.7	26.5	26.3	26.1	25.2	24.0
25	26.7	26.8	26.9	26.9	27.5	27.0	26.8	26.5	26.2	25.9	24.8	24.0
Eom	26.8	....	26.9	27.1	27.2	26.7	26.4	26.3	26.0	25.9	24.9	23.5

BIBB COUNTY

325622087075501. Local number Bib-1. Centreville Gin and Cotton Co. Drilled unused artesian well in Copper Ridge Dolomite of Late Cambrian age and Chepultepec Dolomite of Early Ordovician age, diam 8 in (20 cm), depth 404 ft (123 m), cased to 80 ft (24 m), open hole below. Lsd 230.93 ft (70.39 m) above msl. MP top of casing, 0.43 ft (0.13 m) above lsd. Highest water level 18.0 ft (5.5 m) below lsd, Apr. 2, 1951; lowest 32.3 ft (9.8 m) below lsd, several times Oct. and Nov., 1954. Records available: 1948-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				26.0	27.0	26.8	25.6	27.5	28.1	29.5	29.6	29.0
10	NOTE: Water levels for			25.7	26.2	27.2	26.6	27.8	28.3	29.3	28.8	28.7
15	October-December 1973			26.0	26.9	27.6	24.4	28.1	28.6	29.4	29.2	28.9
20	published in WSP 2171			26.8	25.4	27.6	26.2	28.4	28.9	29.4	29.6	29.5
25				26.5	25.5	27.3	26.6	27.6	29.2	29.4	29.9	29.8
Eom				26.1	26.1	27.1	27.2	27.7	29.4	29.2	29.9	29.3

Water year October 1974 to September 1975

5	29.63	30.02	29.60	27.04	23.49	26.81	25.16	26.52	27.48	28.17	27.70	29.33
10	29.81	30.03	29.14	25.59	25.34	27.04	25.47	26.12	27.58	27.47	27.97	28.76
15	29.88	29.58	29.23	25.78	25.87	24.77	24.12	26.56	27.56	28.18	28.21	29.16
20	29.80	29.65	29.17	26.71	25.15	23.86	25.34	26.34	27.81	28.63	28.46	29.31
25	29.94	29.56	27.04	26.79	26.96	24.41	26.03	26.95	28.01	28.38	28.84	27.73
Eom	30.02	29.62	26.58	26.08	26.26	24.96	26.31	27.12	28.23	28.30	29.01	28.55

BULLOCK COUNTY

320846085411001. Local number Bul-1. State of Alabama. At Camp Union Springs. Drilled unused artesian well in Eutaw Formation of Late Cretaceous age, diam 6 in (15 cm), depth 882 ft (269 m), casing depth and finish unknown. Lsd 542 ft (165 m) above msl. MP top of casing, at lsd. Highest water level 322.60 ft (98.33 m) below lsd, Mar. 23, 1961; lowest 398.34 ft (121.41 m) below lsd, Sept. 19-21, 1975. Records available: 1960-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				377.0	378.7	381.2	381.0	.....	384.0	.....	385.5	.....
10	NOTE: Water levels for			376.7	378.8	379.7	378.0	383.8	384.9	381.8	383.4	.....
15	October-December 1973			377.9	380.2	379.7	378.2	382.4	384.3	.....	381.4	.....
20	published in WSP 2171			377.6	379.3	379.05	.....	382.6	.....	.....	386.0	385.6
25				378.8	382.7	379.6	.....	383.0	.....	.....	.....	.....
Eom				378.5	382.5	378.7	.....	383.8	.....	383.3	.....	.....

Water year October 1974 to September 1975

5	.....	382.7	378.2	376.9	377.4	.....	.....	.....	.....	.....	.....	.....
10	.....	383.6	378.7	376.7	377.7	.....	.....	.....	.....	.....	.....	.....
15	.....	381.7	379.6	377.6	375.8	375.2	.....	389.8	.....	.....	.....	.....
20	.....	380.9	379.6	377.8	375.7	374.3	.....	388.8	.....	.....	.....	398.34
25	.....	381.6	379.2	377.1	.....	374.5	.....	.....	.....	.....	.....	396.05
Eom	382.7	381.0	378.1	377.0	.....	374.6	.....	.....	.....	.....	.....	394.14

314440086273801. Local number But-2. L. L. Rayburn. Drilled unused artesian well in Clayton Formation of Paleocene age, diam 8 in (20 cm), depth 202 ft (62 m), casing depth and finish unknown. Lsd 345 ft (105 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 40.0 ft (12.2 m) below lsd, Apr. 13, 1973; lowest 61.9 ft (18.9 m) below lsd, Feb. 10, 15, 1969. Records available: 1964-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				49.8	48.5	46.4	.....	44.6	46.2	47.4	48.7	49.6
10	NOTE: Water levels for			49.6	47.7	46.5	.....	44.8	46.2	47.6	48.8	.....
15	October-December 1973			49.7	47.0	46.6	.....	45.1	46.3	47.8	48.8	.....
20	published in WSP 2171			49.7	46.8	46.7	.....	45.4	.....	48.0	49.0	50.0
25				49.4	46.6	46.9	44.4	45.6	46.9	48.1	49.2	50.1
Eom				49.0	46.6	46.5	44.5	45.9	47.2	48.4	49.4	50.3

Water year October 1974 to September 1975

5	50.5	51.7	52.6	52.3	50.7	46.8	44.8	43.7	45.0	45.8	.....	.....
10	50.7	51.9	52.7	52.1	50.6	46.7	44.7	43.9	45.2	46.0	.....	.....
15	50.9	52.1	52.7	51.4	50.4	46.8	44.3	44.2	45.2	46.2	.....	.....
20	51.1	52.2	52.6	51.0	48.0	46.0	43.4	44.5	45.3	46.4	.....	.....
25	51.3	52.3	52.4	50.9	47.2	45.2	43.2	44.7	45.5	46.6	.....	.....
Eom	51.5	52.4	52.3	50.8	47.0	44.8	43.6	45.0	45.8	46.5	.....	.....

BUTLER COUNTY

314355086440501. Local number But-3. U.S. Geol. Survey. Drilled unused artesian well in Nanafalia Formation of Eocene age, diam 6 in (15 cm), depth 213 ft (65 m), cased to 203 ft (62 m), screened 203-213 ft (62-65 m). Lsd 370 ft (113 m) above msl. MP top of floor in recorder house, 2.96 ft (0.90 m) above lsd. Highest water level 71.90 ft (21.92 m) below lsd, July 31, 1975; lowest 74.26 ft (22.63 m) below lsd, October 24-26. 1972. Records available: 1970-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	73.2	73.0	72.8	72.8	73.0	73.2	73.4	73.3
10	NOTE: Water levels for			.....	73.1	73.0	72.8	72.9	72.8	73.2	73.3	73.1
15	October-December 1973			73.3	73.1	.....	72.8	72.8	72.9	73.3	73.3	73.2
20	published in WSP 2171			73.3	73.0	72.9	.....	72.9	73.0	73.3	73.3	73.2
25				73.1	73.0	72.8	72.8	72.9	73.0	73.3	73.3	73.2
Eom				73.1	73.0	72.8	72.8	73.0	73.2	73.4	73.4	73.2

Water year October 1974 to September 1975

5	73.2	73.3	73.2	73.0	72.8	72.5	.....	.....	72.2	.....	72.0	.....
10	73.2	73.3	73.1	.....	72.7	72.5	.....	72.2	72.2	.....	72.15	.....
15	73.3	73.3	73.1	72.9	72.7	72.3	.....	72.2	72.1	.....	72.18	.....
20	73.3	73.1	73.0	72.8	72.6	72.3	.....	72.1	72.2	.....	72.24	.....
25	73.3	73.2	73.0	72.8	72.6	72.3	.....	72.2	72.2	.....	72.26	.....
Eom	73.3	73.2	73.1	72.8	72.6	.....	.....	72.2	72.2	72.1	72.27	.....

BUTLER COUNTY

315700086315001. Local number But-4. U.S. Geol. Survey. Drilled unused artesian well in Ripley Formation of Late Cretaceous age, diam 6 in (15 cm), depth 290 ft (88 m), screened 280-290 ft (85-88 m). Lsd 440 ft (134 m) above msl. MP top of floor in recorder house, 2.51 ft (0.77 m) above lsd. Highest water level 218.9 ft (66.7 m) below lsd, March 7, 1970; lowest 238.76 ft (72.77 m) below lsd, Sept. 15, 1975. Records available: 1970-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				233.6	233.7	233.4	233.1	233.3	234.0	234.6	235.0	235.7
10	NOTE: Water levels for			233.8	233.5	233.4	233.2	233.4	234.0	234.7	235.2	235.8
15	October-December 1973			234.1	233.5	233.4	233.1	233.4	234.1	234.9	235.5	236.0
20	published in WSP 2171			234.1	233.4	233.4	233.2	233.6	234.1	235.0	235.6	236.2
25				234.0	233.4	233.3	233.2	233.6	234.1	235.0	235.6	236.4
Eom				233.8	233.4	233.2	233.3	233.9	234.4	235.0	235.7	236.3

Water year October 1974 to September 1975

5	236.4	236.4	236.2	236.0	235.6	236.0	235.7	235.4	235.8	236.4	236.8	238.51
10	236.4	236.4	236.2	235.8	235.6	236.1	235.6	235.3	235.8	236.0	237.03	238.68
15	236.4	236.4	236.2	235.8	235.5	236.1	235.4	235.3	235.8	236.6	237.18	238.76
20	236.4	236.3	236.0	235.7	235.4	235.8	235.6	235.4	236.0	236.6	237.42	238.65
25	236.4	236.3	236.0	235.6	235.6	235.8	235.6	235.6	236.1	236.6	237.62	238.38
Eom	236.5	236.3	236.0	235.6	235.7	235.7	235.4	235.7	236.2	236.8	238.03	238.51

334218085491701. Local number Cal-1. U.S. Army. At Fort McClellan. Drilled unused artesian well in the Conasauga Formation of Middle and Late Cambrian age, diam 6 in (15 cm), depth 212 ft (65 m), cased to 92 ft (28 m), slotted 92-122 ft (28-37 m), open hole below. Lsd 732 ft (223 m) above msl. MP top of casing, 2.00 ft (0.60 m) above lsd. Highest water level 6.7 (2.0 m) below lsd, Jan. 13, 1968; lowest 64.7 ft (19.7 m) below lsd, Dec. 31, 1965. Records available: 1960-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				39.4	16.7	13.5	15.9	15.2	28.8	.....	43.0	47.0
10	NOTE: Water levels for			31.4	15.8	14.7	10.7	18.0	28.7	.....	43.6	47.7
15	October-December 1973			20.9	14.8	16.4	10.7	21.2	29.9	.....	44.0	48.4
20	published in WSP 2171			18.7	12.9	18.8	11.7	24.7	31.8	.....	44.5	49.2
25				18.3	12.8	19.4	12.6	26.8	33.4	40.8	45.3	49.9
Eom				17.2	13.0	18.9	13.5	27.1	35.0	42.1	46.4	50.6

Water year October 1974 to September 1975

5	51.5	55.6	.....	.....	.....	.....	.....	13.7	16.5	25.7	.....	.....
10	52.2	56.2	.....	.....	.....	.....	.....	14.6	18.5	20.4	.....	.....
15	52.8	57.0	.....	.....	.....	10.7	.....	16.3	19.6	17.8	.....	.....
20	53.6	.....	.....	34.7	.....	9.3	10.3	14.2	22.0	18.7	.....	.....
25	54.2	.....	.....	28.9	.....	.....	11.8	13.7	23.4	.....	.....	.....
Eom	55.0	.....	.....	.....	11.1	.....	12.6	14.7	25.3	.....	.....	18.72

CLARKE COUNTY

313040087531001. Local number Cla-1. City of Jackson. In waterworks lot. Drilled unused artesian well in gravel deposits of Miocene age, diam 10 in (25 cm), depth 156 ft (48 m), cased to 134 ft (41 m), screened 134-156 ft (41-48 m). Lsd 227 ft (69 m) above msl. MP top of casing, 0.25 ft (0.08 m) below lsd. Highest water level 102.0 ft (31.1 m) below lsd, Dec. 20, 1972; lowest 119.29 ft (36.36 m) below lsd, Oct. 23, 1958. Records available: 1958-75. Water levels affected by pumping of nearby wells.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				103.5	105.7	104.0	106.1	103.9	104.0	.....	.....	.....
10	NOTE: Water levels for			103.2	105.7	103.9	104.7	103.8	104.2	.....	.....	106.9
15	October-December 1973			103.3	103.3	104.0	104.5	.....	103.8	.....	.....	106.6
20	published in WSP 2171			103.1	106.4	103.9	104.1	103.7	.....	.....	.....	105.6
25				104.3	105.4	105.0	104.4	.....	.....	.....	....	106.4
Eom				104.0	103.9	104.2	103.9	.....	.....	.....	.....	106.9

Water year October 1974 to September 1975

5	105.6	.....	.....	106.9	108.2	.....	.....	103.05	102.64	102.65	.....	102.65
10	106.0	.....	.....	105.2	109.5	.....	.....	103.05	102.65	102.81	.....	102.64
15	104.5	.....	.....	109.7	108.0	.....	.....	102.94	102.65	.....	102.72	102.66
20	107.2	.....	105.2	109.7	109.7	.....	105.55	102.97	102.65	.....	102.76	102.60
25	.....	.....	105.8	107.0	108.6	.....	103.15	102.72	.....	.....	102.73	102.68
Eom	.....	.....	106.2	109.7	103.6	.....	103.26	102.66	.....	.....	102.73	102.55

COLBERT COUNTY

344622087375201. Local number Col-1. U.S. Army, Corps of Engineers. At Muscle Shoals. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 8 in (20 cm), depth 265 ft (81 m), casing depth unknown, open hole below casing. Lsd 527.8 ft (160.9 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 4.70 ft (1.43 m) below lsd, Mar. 16, 1973; lowest 40.30 ft (12.28 m) below lsd, Nov. 3, 1961. Records available: 1953-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				8.1	7.9	9.3	9.8	10.7	9.6	11.6	11.9	13.1
10	NOTE: Water levels for			6.6	8.7	9.7	10.2	10.9	9.0	11.2	12.6	8.9
15	October-December 1973			7.0	7.9	10.2	.....	10.2	9.7	11.6	.....	9.8
20	published in WSP 2171			7.8	8.1	10.4	.....	9.7	10.1	12.1	12.4	10.5
25				6.6	8.3	8.9	.....	9.3	10.6	12.7	12.9	10.9
Eom				7.5	8.3	9.4	.....	9.8	11.2	11.0	13.0	11.3

Water year October 1974 to September 1975

5	11.7	12.6	11.4	7.9	8.9	9.9	8.28	10.51	10.82	11.39	7.50	11.22
10	.....	12.8	9.6	7.9	9.3	10.3	8.41	9.91	11.16	10.87	8.62	11.12
15	.....	12.9	10.1	.....	9.7	6.9	9.13	10.37	10.89	11.31	9.49	9.96
20	.....	12.7	10.7	.....	8.5	7.5	9.38	9.24	10.44	9.73	10.14	9.95
25	.....	10.7	8.5	8.7	9.0	8.0	9.80	9.93	10.92	8.57	10.74	7.25
Eom	12.9	11.2	7.3	9.3	9.4	7.4	10.19	10.47	11.11	8.98	10.99	8.62

341031086504301. Local number Cul-1. City of Cullman. Drilled unused water-table well in sandstone of Pottsville Formation of Early and Middle Pennsylvanian age, diam 8 in (20 cm), depth 81 ft (25 m), cased to 13 ft (4 m), open hole below. Lsd 768 ft (234 m) above msl. MP top of casing, 1.30 ft (0.40 m) above lsd. Highest water level 9.06 ft (2.76 m) below lsd, Mar. 17, 1973; lowest 26.62 ft (8.11 m) below lsd, Aug. 6, 1952. Records available: 1952-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				10.5	10.3	10.3	10.1	10.2	.....	.....	10.8	10.8
10	NOTE: Water levels for			10.4	10.2	10.3	10.1	10.3	.....	.....	10.9	.....
15	October-December 1973			10.4	9.8	10.4	9.8	.....	.....	.....	10.8	.....
20	published in WSP 2171			10.4	10.1	10.2	10.1	.....	.....	.....	10.9	.....
25				10.1	10.3	10.5	10.2	.....	.....	.....	11.0	11.1
Eom				10.2	10.3	10.1	10.3	.....	.....	10.9	10.9	11.2

Water year October 1974 to September 1975

5	11.4	11.2	11.2	10.5	9.9	10.27	10.06	10.33	10.31	10.31	10.31	10.90
10	11.3	11.3	11.0	10.2	10.2	10.22	9.84	10.05	10.52	10.15	10.34	10.99
15	11.3	11.2	.....	10.3	10.30	9.91	9.85	10.15	10.21	10.40	10.38	11.13
20	11.3	11.0	.....	10.4	10.03	9.79	10.25	10.07	10.30	10.38	10.53	10.99
25	11.3	11.1	.....	10.2	10.17	10.03	10.17	10.28	10.46	10.46	10.63	10.65
Eom	11.4	11.2	10.3	10.4	10.08	9.80	10.31	10.11	10.31	10.56	10.72	10.80

DALLAS COUNTY

322310086594501. Local number Dls-3. Julian H. Smith. Drilled unused water-table well in sand and gravel of alluvial deposits of Quaternary age, diam 16 in (41 cm), depth 47 ft (14 m), cased to 31 ft (9 m), screened 31-47 ft (9-14 m). Lsd 111.9 ft (34.1 m) above msl. MP top of recorder platform, 0.80 ft (0.24 m) above lsd. Highest water level 10.30 ft (3.14 m) below lsd, Jan. 16, 1972; lowest 25.60 ft (7.80 m) below lsd, Dec. 6, 1972. Records available: 1971-74. Measurement discontinued Nov. 20, 1974.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				18.4	19.9	21.4	21.8	23.5	24.2	24.5	24.4	.....
10	NOTE: Water levels for			18.9	19.6	22.9	18.2	23.9	24.1	24.5	24.3	.....
15	October-December 1973			18.7	20.5	23.0	18.4	.....	24.2	24.4	24.3	.....
20	published in WSP 2171			20.4	19.2	23.4	20.0	22.6	24.2	24.4	24.2	.....
25				20.0	18.6	23.6	22.0	24.2	24.2	24.4	24.3	.....
Eom				19.8	19.4	23.6	23.0	24.1	24.4	24.4	24.3	.....

Water year October 1974 to September 1975

5	23.8	24.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	23.8	24.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	23.8	24.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	23.9	24.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	23.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	23.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

ELMORE COUNTY

323757086013901. Local number Elm-1. City of Eclectic. At high school. Drilled unused artesian well in augen gneiss, diam 8 in (20 cm), depth 402 ft (123 m), cased to 63 ft (19 m), open hole below. Lsd 557.5 ft (169.9 m) above msl. MP top of casing, at lsd. Highest water level 6.34 ft (1.93 m) below lsd, Apr. 8, 1960; lowest 12.76 ft (3.89 m) below lsd, Oct. 29, 1954. Records available: 1953-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				10.0	9.1	8.6	8.7	9.3	10.1	10.5	10.4	.....
10	NOTE: Water levels for			9.9	8.8	8.6	8.7	9.4	10.0	10.4	10.3	.....
15	October-December 1973			9.7	8.7	8.7	8.6	9.5	10.1	10.5	10.4	.....
20	published in WSP 2171			9.7	8.6	8.8	8.8	9.8	10.3	10.3	10.1	.....
25				9.4	8.4	8.9	9.0	9.8	10.3	10.3	10.0	.....
Eom				9.1	8.4	8.8	9.1	10.0	10.6	10.4	.....	.....

Water year October 1974 to September 1975

5	9.4	9.7	9.8	.....	7.94	7.52	6.98	7.41	8.34	8.82	9.03	9.62
10	9.4	9.8	9.8	.....	7.93	7.60	7.06	7.69	8.55	8.70	9.03	9.72
15	9.5	9.9	9.8	8.3	7.95	7.47	6.89	7.90	8.47	8.68	9.00	9.88
20	9.4	9.8	9.6	8.3	7.53	7.15	6.94	7.88	8.64	8.85	9.12	9.98
25	9.4	9.9	9.3	8.2	7.48	7.12	7.12	8.16	8.64	8.98	9.21	9.68
Eom	9.7	10.0	9.0	8.1	7.46	7.16	7.22	8.26	8.63	8.97	9.42	9.63

343131087442801. Local number Fra-1. City of Russellville. Drilled unused artesian well in Bangor Limestone of Late Mississippian age and sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 6 in (15 cm), depth 210 ft (64 m), cased to 140 ft (43 m), slotted 140-146 ft (43-45 m), open hole below. Lsd 890 ft (271 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 26.57 ft (8.10 m) below lsd, Mar. 30, 1965; lowest 44.15 ft (13.46 m) below lsd, Nov. 27, 1963. Records available: 1962-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				33.0	29.7	.....	30.7	32.4	31.0	.....	34.6	35.8
10	NOTE: Water levels for			32.7	30.9	.....	31.5	32.6	30.7	34.7	35.0	32.5
15	October-December 1973			31.0	31.6	33.3	.....	31.6	31.9	34.5	.....	33.3
20	published in WSP 2171			.....	30.0	33.3	32.2	.....	32.9	34.9	34.9	34.2
25				28.9	.....	31.9	32.4	.....	33.5	34.3	35.4	34.9
Eom				29.5	.....	31.9	33.1	31.9	34.0	33.9	35.6	35.2

Water year October 1974 to September 1975

5	35.7	36.3	34.6	.....	31.9	33.5	31.4	33.92	34.04	35.09	32.55	35.88
10	35.8	36.1	34.9	.....	32.6	33.9	32.2	32.93	34.35	35.21	33.76	34.24
15	36.1	36.2	35.2	.....	33.1	29.3	32.9	33.42	33.02	35.55	34.46	34.34
20	35.1	35.4	35.7	.....	31.6	30.4	33.0	32.14	33.56	35.45	34.95	33.69
25	35.9	34.7	32.3	31.7	32.5	.....	33.2	33.23	34.25	34.75	35.20	31.56
Eom	36.4	35.2	30.6	33.0	32.8	29.5	.....	33.49	34.74	34.61	35.53	33.28

GREENE COUNTY

325005087532001. Local number Gre-3. City of Eutaw. At sewage pumping plant. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 4 in (10 cm), depth 407 ft (124 m), cased to 395 ft (120 m), screened 395-407 ft (120-124 m). Lsd 172.14 ft (52.47 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 35.94 ft (10.95 m) below lsd, Apr. 2, 1953; lowest 44.6 ft (13.6 m) below lsd, Nov. 5, 1972. Records available: 1952-75. Water levels affected by pumping of nearby wells.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	42.5	42.3	42.1	42.2	42.8	42.9	43.5	43.6
10	NOTE: Water levels for			42.7	42.5	42.3	42.1	42.2	42.8	43.2	43.6	43.3
15	October-December 1973			42.6	.....	42.2	42.1	42.2	42.8	43.4	43.5	43.3
20	published in WSP 2171			42.5	42.3	42.2	42.1	42.3	42.8	43.1	43.5	43.3
25				42.4	42.3	42.1	.....	42.4	42.8	43.2	43.5	43.4
Eom				42.4	42.3	42.1	42.1	42.6	42.8	43.3	43.6	43.4

Water year October 1974 to September 1975

5	43.4	43.7	43.2	.....	42.6	42.4	42.3	42.3	.....	.....	.....	43.52
10	43.4	.....	43.2	42.8	42.6	42.4	42.3	42.3	.....	.....	.....	43.52
15	43.4	.....	.....	42.8	42.6	42.3	42.3	42.4	.....	.....	.....	43.51
20	43.5	.....	.....	42.9	42.6	42.3	42.2	42.5	.....	.....	43.33	43.54
25	43.4	.....	.....	42.9	42.4	42.3	42.3	.....	.....	.....	43.45	43.10
Eom	43.6	.....	.....	42.6	42.4	42.3	42.3	.....	.....	.....	43.47	43.19

HALE COUNTY

324205087352801. Local number Hal-1. City of Greensboro. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 10 in (25 cm), depth 278 ft (85 m), cased to 258 ft (79 m), screened 258-278 ft (79-85 m). Lsd 257 ft (78 m) above msl. MP top of casing, at lsd. Highest water level 40.12 ft (12.23 m) tape measurement, below lsd, Apr. 12, 1962; lowest 50.7 ft (15.5 m) below lsd, Nov. 10-23, 1973 and Aug. 31, 1974. Records available: 1961-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				49.9	49.5	49.4	49.4	49.2	49.3	49.7	50.4	50.6
10	NOTE: Water levels for			49.8	49.5	49.4	49.3	49.3	49.3	49.8	50.5	50.6
15	October-December 1973			49.7	49.5	49.5	49.2	49.4	49.3	49.9	50.5	50.4
20	published in WSP 2171			49.6	49.4	49.5	49.1	49.4	49.4	50.0	50.5	50.3
25				49.6	49.4	49.5	49.2	49.4	49.4	50.2	50.6	50.3
Eom				49.5	49.4	49.4	49.2	49.4	49.6	50.3	50.7	50.2

Water year October 1974 to September 1975

5	50.2	50.5	50.1	49.9	49.54	49.40	46.88	47.00	48.07	.....	49.13	49.61
10	50.2	50.5	50.1	49.9	49.51	49.42	46.74	47.10	48.05	48.79	49.18	49.82
15	50.3	50.2	50.1	49.7	49.49	49.40	46.71	47.28	48.12	48.86	49.12	49.98
20	50.3	50.2	50.1	49.7	49.44	49.32	46.70	47.44	48.29	49.04	49.15	50.13
25	50.4	50.2	50.1	49.7	49.40	49.22	46.79	47.64	48.44	49.12	49.25	50.21
Eom	50.5	50.1	49.9	49.57	49.41	47.38	46.92	47.84	.....	49.17	49.43	50.26

344003086012102. Local number Jac-2. Tennessee Valley Authority. In Scottsboro. Drilled unused water-table well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 40 ft (12 m), cased to 35 ft (11 m), slotted 35-40 ft (11-12 m). Lsd 648.68 ft (197.72 m) above msl. MP top of casing, 2.20 ft (0.67 m) above lsd. Highest water level 1.42 ft (0.43 m) below lsd, Sept. 23, 1975; lowest 21.00 ft (6.40 m) below lsd, Sept. 17, 1972. Records available: 1971-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				6.2	7.2	9.1	7.0	10.9	9.7	.....	12.6	12.7
10	NOTE: Water levels for			5.7	7.2	9.8	8.4	11.3	10.3	.....	11.5	13.0
15	October-December 1973			6.3	6.9	10.4	8.0	10.5	11.3	.....	10.6	13.5
20	published in WSP 2171			8.0	7.0	10.3	9.5	10.7	12.2	.....	11.5	14.1
25				6.5	7.7	8.3	9.8	9.7	12.5	15.6	11.5	14.6
Eom				6.9	8.5	8.2	10.6	9.4	.....	14.2	12.3	.....

Water year October 1974 to September 1975

5	.....	14.7	9.4	6.7	.....	8.64	7.72	10.77	11.11	10.49	12.45	15.46
10	.....	13.5	9.0	7.5	7.2	9.04	8.46	9.75	11.45	9.94	11.93	15.70
15	.....	12.6	9.7	6.5	7.71	5.37	8.91	10.41	9.11	10.94	12.51	14.20
20	.....	9.4	10.1	7.9	5.83	5.76	9.34	10.08	8.96	11.52	13.34	14.45
25	.....	10.3	.....	.....	7.13	6.56	9.82	11.16	10.21	11.41	13.96	7.67
Eom	14.6	10.8	.....	.....	7.60	5.37	10.35	10.13	11.28	12.03	14.78	10.28

JEFFERSON COUNTY

332605086523001. Local number Jef-1. Woodward Iron Co. In Bessemer. Drilled unused artesian well in Bangor Limestone of Late Mississippian age, diam 6 in (15 cm), depth 140 ft (43 m), cased to 68 ft (21 m), open hole below. Lsd 641.94 ft (195.66 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 10.91 ft (3.33 m) below lsd, Apr. 2, 1975; lowest 83.04 ft (25.31 m) below lsd, Dec. 27, 28, 1954. Records available: 1954-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				17.9	14.0	12.8	15.5	16.0	.....	.....	.....	.....
10	NOTE: Water levels for			15.7	13.7	14.0	15.1	.....	.....	24.7	.....	.....
15	October-December 1973			14.9	13.8	15.3	13.4	.....	.....	25.3	.....	.....
20	published in WSP 2171			14.7	12.5	16.3	13.5	.....	21.9	25.9	.....	.....
25				14.4	12.2	16.2	13.9	.....	.....	26.5	.....	.....
Eom				13.7	12.3	16.3	14.9	.....	.....	26.6	.....	.....

Water year October 1974 to September 1975

5	.....	.....	24.77	.....	12.18	13.86	11.29	15.01	18.13	21.74	22.58	25.63
10	.....	.....	23.75	.....	12.19	14.82	11.46	15.62	19.32	20.88	23.09	25.48
15	.....	26.00	23.31	.....	12.62	13.93	11.43	16.34	19.55	21.43	23.64	26.03
20	.....	25.87	23.13	14.22	12.27	12.03	11.59	14.71	20.49	21.90	23.91	.....
25	.....	24.52	20.92	13.34	12.63	11.78	12.36	15.44	21.03	22.26	24.44	.....
Eom	.....	24.36	18.27	13.11	12.84	11.27	13.67	16.83	21.51	23.03	25.04	.....

LAUDERDALE COUNTY

345034087552201. Local number Lau-1. U.S. Park Service. Near Oakland. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 344 ft (105 m), cased to 30 ft (9 m), open hole below. Lsd 435 ft (133 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 13.68 ft (4.17 m) below lsd, Mar. 14, 1975; lowest 24.04 ft (7.33 m) below lsd, Dec. 11, 1968. Records available: 1967-75. Water levels affected by stage of Pickwick Reservoir.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				17.2	.....	.....	.....	.....	.....	.....	.....	20.32
10	NOTE: Water levels for			12.5	.....	.....	.....	.....	.....	.....	.....	20.14
15	October-December 1973			.....	.....	.....	.....	.....	.....	.....	.....	20.65
20	Published in WSP 2171			.....	.....	.....	.....	.....	.....	.....	.....	20.80
25				.....	.....	.....	.....	.....	.....	.....	20.73	21.08
Eom				.....	.....	.....	.....	.....	.....	.....	20.38	21.02

Water year October 1974 to September 1975

5	21.20	22.11	.....	.....	22.61	22.21	17.68	18.04	18.04	19.13	.....	.....
10	21.31	22.40	.....	.....	21.90	22.54	18.54	16.91	18.05	19.18	.....	20.36
15	21.34	.....	.....	.....	22.46	14.82	18.05	17.70	18.94	.....	.....	20.34
20	21.89	22.22	.....	.....	20.70	16.98	17.80	17.56	18.78	.....	.....	20.91
25	22.10	.....	.....	21.37	21.13	15.40	17.80	18.02	18.20	.....	.....	19.79
Eom	21.97	.....	.....	21.90	21.98	14.81	17.84	18.29	19.31	.....	.....	20.58

342901087170401. Local number Law-1. City of Moulton. At hospital. Drilled unused artesian well in Bangor Limestone of Late Mississippian age, diam 6 in (15 cm), depth 260 ft (79 m), cased to 20 ft (6 m), open hole below. Lsd 650 ft (198 m) above msl. MP top of casing, 0.40 ft (0.12 m) above lsd. Highest water level 10.54 ft (3.21 m) below lsd, Feb. 23, 1961; lowest 23.57 ft (7.18 m) below lsd, Nov. 21, 22, 1963. Records available: 1955-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	13.9	15.7	14.6	15.8	15.0	17.5	18.2	.....
10	NOTE: Water levels for			13.3	14.5	16.1	15.3	15.5	15.2	17.6	18.4	.....
15	October-December 1973			13.0	14.8	16.4	14.8	14.9	15.1	17.7	.....	.....
20	published in WSP 2171			13.8	14.2	16.5	15.6	15.3	16.0	18.2	.....	16.88
25				13.2	14.5	15.5	16.1	15.3	16.6	18.0	.....	16.82
Eom				13.7	14.9	15.6	16.5	14.9	17.1	17.9	.....	17.20

Water year October 1974 to September 1975

5	17.65	17.99	15.86	13.01	.....	14.94	13.90	16.15	16.79	17.29	16.26	18.11
10	17.99	17.34	15.04	13.96	.....	15.28	14.58	14.95	16.65	17.33	16.26	16.62
15	18.30	17.55	15.52	13.01	.....	12.23	15.11	15.23	15.34	17.39	16.31	16.39
20	17.36	16.19	15.88	13.62	13.54	12.79	15.09	14.70	16.14	17.74	16.61	16.56
25	17.78	15.73	15.39	13.87	14.38	13.30	15.46	15.60	16.76	17.00	17.16	13.67
Eom	18.17	16.18	12.19	14.48	14.44	12.86	15.77	16.22	16.94	16.66	17.64	14.57

LAWRENCE COUNTY

344004087205101. Local number Law-2. State of Alabama. At Courtland Air Base. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 12 in (30 cm), depth 200 ft (61 m), cased to 55 ft (17 m), open hole below. Lsd 582 ft (177 m) above msl. MP top of casing, at lsd. Highest water level 9.60 ft (2.92 m) below lsd, Mar. 17, 1973; lowest 50.6 ft (15.4 m) below lsd, Nov. 1, 2, 1963. Records available: 1960-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	16.3	23.4	32.9	.....	25.5	.....	42.6	44.4
10	NOTE: Water levels for			20.7	19.3	.....	34.4	.....	25.6	39.2	43.1	43.2
15	October-December 1973			14.8	18.1	.....	23.2	.....	28.3	40.2	43.6	42.6
20	published in WSP 2171			17.3	17.5	27.5	27.5	.....	29.8	40.9	43.4	42.7
25				15.0	18.2	30.6	29.7	.....	33.6	41.5	43.8	43.4
Eom				16.1	19.9	32.9	32.5	.....	.....	41.9	44.2	43.9

Water year October 1974 to September 1975

5	44.3	45.1	41.5	.....	.....	38.6	17.50	31.71	32.01	39.60	36.84	41.00
10	44.6	44.5	39.5	.....	.....	41.1	20.09	28.50	34.06	39.96	37.23	40.19
15	44.8	44.5	39.8	.....	.....	33.0	23.77	30.37	32.80	39.67	38.25	35.25
20	44.6	43.5	40.5	.....	32.2	34.3	24.38	22.56	35.11	39.96	37.89	36.99
25	44.8	41.6	40.2	.....	34.3	35.6	27.29	25.71	36.98	39.05	39.27	23.43
Eom	45.0	41.2	.....	.....	35.8	33.7	29.48	29.36	38.46	39.59	40.32	24.40

LIMESTONE COUNTY

344819086581601. Local number Lim-4. City of Athens. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 143 ft (44 m), cased to 52 ft (16 m), open hole below. Lsd 711 ft (217 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 11.58 ft (3.53 m) below lsd, Mar. 12, 1963; lowest 43.09 ft (13.13 m) below lsd, Nov. 1, 1968. Records available: 1961-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				13.9	13.6	.....	13.4	15.9	14.5	.....	.....	19.1
10	NOTE: Water levels for			12.9	14.3	15.6	.....	16.1	15.0	17.9	.....	19.2
15	October-December 1973			12.9	14.6	16.1	.....	15.1	15.5	18.2	.....	18.7
20	published in WSP 2171			13.5	13.9	16.0	14.9	.....	16.2	18.5	.....	18.7
25				12.5	14.1	14.2	15.4	.....	.....	18.7	.....	18.9
Eom				13.5	.....	15.0	15.9	.....	.....	.....	19.2	19.44

Water year October 1974 to September 1975

5	19.60	19.76	18.53	15.37	.....	.....	.....	16.68	17.06	18.20	17.97	19.23
10	19.72	19.70	18.14	15.25	.....	.....	.....	16.57	17.38	.....	17.72	19.06
15	19.76	19.60	18.04	14.29	.....	.....	15.44	16.51	17.10	.....	17.90	18.85
20	19.70	18.89	18.13	.....	.....	.....	15.71	15.61	17.50	.....	18.33	18.97
25	19.70	18.49	17.99	.....	.....	.....	15.93	16.19	17.78	.....	18.63	17.85
Eom	19.78	18.52	15.43	.....	.....	.....	16.41	16.57	18.01	17.94	18.88	17.75

344402086343901. Local number Mad-1. City of Huntsville. At Huntsville Junior High School. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 8 in (20 cm), depth 140 ft (43 m), cased to 69 ft (21 m), open hole below. Lsd 660 ft (201 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 49.27 ft (15.02 m) below lsd, Jan. 13, 1968; lowest 65.70 ft (20.03 m) below lsd, Oct. 7, 1963. Records available: 1951-75. Water levels affected by pumping of nearby wells.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				55.4	51.7	53.2	53.7	55.9	54.0	57.9	59.2	58.1
10	NOTE: Water levels for			54.5	52.4	53.8	53.9	56.2	.....	58.2	59.4	59.6
15	October-December 1973			52.9	52.6	54.5	54.3	56.0	.....	58.4	58.5	59.6
20	published in WSP 2171			53.3	52.1	54.8	54.6	56.1	.....	58.8	.....	60.4
25				53.0	52.1	54.1	55.0	55.9	.....	59.0	57.9	60.5
Eom				51.7	52.5	54.3	55.5	55.7	.....	59.0	58.0	60.6

Water year October 1974 to September 1975

5	61.2	61.2	59.2	56.6	55.0	55.0	51.7	55.3	57.0	57.4	58.3	59.5
10	61.4	61.4	58.9	56.5	55.0	.....	52.6	55.6	57.4	57.4	58.5	59.4
15	61.0	61.2	58.9	55.9	55.2	.....	53.3	56.0	57.4	57.7	58.6	59.7
20	60.6	59.7	59.2	55.5	54.5	52.6	53.8	56.3	56.8	57.8	58.8	60.0
25	61.3	58.9	59.2	55.3	54.6	52.5	54.3	56.6	56.8	58.1	59.1	58.4
Eom	61.2	59.1	57.3	55.1	54.7	51.3	54.9	56.6	56.2	58.2	59.1	58.2

MADISON COUNTY

344127086350401. Local number Mad-2. City of Huntsville. In Huntsville. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 168 ft (51 m), cased to 56 ft (17 m), open hole below. Lsd 613 ft (187 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 19.13 ft (5.83 m) below lsd, Jan. 31, 1962; lowest 44.30 ft (13.50 m) below lsd, Sept. 13, 1962. Records available: 1953-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	25.9	35.4	34.2	39.0	.....	41.3	42.1	42.2
10	NOTE: Water levels for			30.7	28.8	36.7	34.5	.....	.....	41.5	42.3	42.2
15	October-December 1973			27.2	31.5	37.9	35.2	.....	.....	41.7	41.8	42.3
20	published in WSP 2171			30.2	29.7	38.6	37.4	.....	.....	41.9	.....	42.5
25				29.0	30.6	36.9	38.3	.....	.....	42.2	42.2	42.5
Eom				25.9	32.4	36.7	39.1	.....	.....	41.9	42.2	42.8

Water year October 1974 to September 1975

5	42.8	42.9	41.4	34.9	33.5	.....	28.03	38.28	39.26	39.77	39.29	39.69
10	42.9	42.9	41.0	36.0	34.0	36.80	30.83	38.08	39.62	38.85	39.56	39.61
15	43.0	42.8	41.3	33.3	35.4	27.54	33.21	38.65	39.16	38.49	39.58	39.73
20	42.7	41.4	41.6	33.6	31.0	27.41	34.99	38.17	39.19	38.70	39.77	39.71
25	42.8	41.0	40.8	33.4	32.6	29.46	36.25	38.76	39.34	38.83	39.86	36.63
Eom	43.0	41.4	34.5	34.5	.....	27.18	37.46	38.86	39.74	39.04	39.79	37.60

MADISON COUNTY

344457086363701. Local number Mad-4. Huntsville Country Club. In Huntsville. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 145 ft (44 m), cased to 96 ft (29 m), open hole below. Lsd 686 ft (209 m) above msl. MP top of casing, 0.60 ft (0.18 m) above lsd. Highest water level 34.2 ft (10.4 m) below lsd, Mar. 31, 1973; lowest 79.98 ft (24.38 m), tape measurement, below lsd, Dec. 7, 1956. Records available: 1956-59, 1962-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	37.4	.....	.....	44.4	47.7	57.9	67.7	69.9
10	NOTE: Water levels for			.....	.....	.....	.....	46.3	.....	59.8	68.9	70.0
15	October-December 1973			.....	.....	.....	.....	47.1	.....	61.3	67.1	70.6
20	published in WSP 2171			.....	.....	.....	39.9	47.5	.....	60.3	68.5	71.2
25				.....	.....	.....	41.3	47.7	.....	65.6	68.9	71.8
Eom				39.2	.....	.....	42.4	47.3	.....	66.7	69.5	72.3

Water year October 1974 to September 1975

5	72.9	74.6	73.2	.....	.....	.....	34.48	42.91	52.45	56.24	60.97	67.86
10	73.3	74.8	72.7	.....	51.9	48.97	34.75	44.94	54.00	56.34	61.74	68.37
15	73.6	74.9	72.2	.....	.....	44.12	36.26	46.73	54.65	56.81	63.33	69.05
20	73.6	74.5	72.8	.....	.....	40.03	37.91	48.37	55.21	58.02	64.39	69.43
25	74.1	72.8	73.0	.....	.....	38.88	39.31	49.74	55.18	59.03	66.03	67.49
Eom	74.4	73.3	66.5	.....	.....	36.26	41.07	50.99	55.40	60.24	67.19	65.55

MADISON COUNTY

343540086344801. Local number Mad-5. Josh Walling, Jr. Near Farley. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 285 ft (87 m), cased to 28 ft (9 m), open hole below. Lsd 570 ft (174 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 0.35 ft (0.11 m) below lsd, Mar. 14, 1963; lowest 19.37 ft (5.90 m) below lsd, Nov. 19, 1963. Records available: 1959-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				15.3	.....	.....	8.1	12.1	10.9	13.9	14.7	14.9
10	NOTE: Water levels for			4.3	.....	12.2	9.3	12.5	.....	14.0	14.5	15.2
15	October-December 1973			3.4	.....	13.7	9.7	9.0	.....	14.4	14.5	15.2
20	published in WSP 2171			.....	.....	13.9	11.2	9.5	.....	14.6	.....	15.8
25				.....	.....	8.9	12.0	9.8	.....	14.4	.....	16.0
Eom				5.5	.....	10.3	12.8	9.3	.....	14.5	15.2	15.9

Water year October 1974 to September 1975

5	16.3	16.8	15.5	8.1	7.9	.....	.....	12.77	13.21	12.04	12.00	15.07
10	16.5	17.2	15.1	9.8	8.7	11.1	.....	9.84	13.54	9.67	12.98	15.19
15	16.8	17.0	15.4	7.7	9.7	3.3	9.92	11.17	10.70	10.64	13.34	15.49
20	16.5	13.8	16.0	8.1	5.3	4.8	10.65	10.58	11.78	11.53	13.78	15.54
25	16.8	15.6	11.5	9.2	.....	5.5	11.52	11.83	12.75	10.73	14.48	10.18
Eom	16.8	16.3	5.5	8.9	.....	.....	12.33	12.69	13.19	10.96	14.90	12.89

MADISON COUNTY

344445086345301. Local number Mad-7. Dallas Mills, Inc. In Huntsville. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 20 in (51 cm), depth 104 ft (32 m), cased to 61 ft (19 m), open hole below. Lsd 643.5 ft (196.1 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 21.00 ft (6.40 m) below lsd, Apr. 14, 1964; lowest 46.40 ft (14.14 m) below lsd, Sept. 7, 1963. Records available: 1962-75. Water levels affected by pumping of nearby wells.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				32.6	25.8	.....	29.6	33.3	32.8	37.3	.....	37.1
10	NOTE: Water levels for			31.2	26.6	29.3	29.7	33.8	33.5	37.5	.....	38.3
15	October-December 1973			28.2	.....	30.5	30.2	33.7	34.4	37.9	.....	.....
20	published in WSP 2171			28.5	.....	31.1	30.9	33.7	35.4	37.8	.....	.....
25				27.1	.....	30.2	31.7	33.3	35.7	38.2	36.7	40.2
Eom				25.9	.....	30.5	32.5	32.9	36.5	37.5	36.9	40.3

Water year October 1974 to September 1975

5	41.0	40.9	38.8	34.8	31.8	31.9	.....	32.0	35.4	36.1	37.6	.....
10	41.2	41.4	38.5	34.6	31.9	.....	.....	33.0	35.0	36.0	37.8	.....
15	40.9	.....	38.5	33.4	32.2	.....	28.4	.....	36.0	36.5	37.9	.....
20	40.5	.....	38.9	32.9	31.2	.....	29.4	.....	35.3	36.8	.....	.....
25	41.1	.....	39.3	32.4	31.2	.....	30.2	.....	35.0	37.3	.....	37.7
Eom	42.0	.....	35.9	32.1	31.3	.....	31.2	34.7	35.8	37.4	.....	37.4

MARENGO COUNTY

323055087504101. Local number Mag-1. J. C. Webb Compress Co. In Demopolis. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 4 in (10 cm), depth 900 ft (274 m), cased to 860 ft (262 m), slotted 860-900 ft (262-274 m). Lsd 110 ft (34 m) above msl. MP top of casing, at lsd. Highest water level 0.15 ft (0.05 m) below lsd, Feb. 26, 1954; lowest 23.4 ft (7.1 m) below lsd, Sept. 15, 1969. Records available: 1953-75. Water levels affected by pumping of nearby wells.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	10.0	11.5	9.3	.....	13.6	12.4	13.3	13.6
10	NOTE: Water levels for			9.6	9.9	.....	9.4	14.1	14.3	12.1	13.3	13.4
15	October-December 1973			9.2	11.1	.....	10.7	14.1	14.6	12.4	13.6	13.6
20	published in WSP 2171			9.4	10.5	.....	11.5	14.1	13.7	13.1	13.3	13.7
25				9.7	10.5	.....	11.7	14.1	14.4	13.1	14.3	13.8
Eom				9.4	10.9	9.5	.....	12.6	13.4	13.3	14.6	13.2

Water year October 1974 to September 1975

5	12.8	.....	12.2	10.1	11.1	9.63	10.52	.....	9.41	7.78	6.98	8.73
10	12.9	.....	12.5	10.5	9.35	9.55	10.14	.....	9.15	7.50	7.74	8.75
15	12.1	12.3	12.3	10.6	9.79	9.43	9.81	.....	8.18	7.57	8.77	8.31
20	12.6	12.8	11.8	11.1	9.32	8.62	11.22	.....	8.09	7.42	8.48	8.07
25	13.2	12.6	11.0	11.5	9.14	8.32	11.18	10.00	7.88	7.47	8.35	7.70
Eom	11.5	12.3	10.2	11.6	9.53	9.83	.....	9.70	7.81	7.14	8.46	7.73

321520087373001. Local number Mag-2. State of Alabama. At Thomaston Prison. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 4 in (10 cm), depth 1,222 ft (372 m), cased to 20 ft (6 m), open hole 20-1,202 ft (6-366 m), screened 1,202-1,222 ft (366-372 m). Lsd 154 ft (47 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 7.83 ft (2.39 m) below lsd, Mar. 30, 1954; lowest 19.05 ft (5.81 m) below lsd, July 3, 1975. Records available: 1954-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				17.7	17.7	17.7	17.6	17.7	17.8	17.9	18.0	18.0
10	NOTE: Water levels for			17.7	17.7	17.7	17.7	17.8	17.7	17.9	18.0	17.9
15	October-December 1973			17.8	17.6	17.7	17.6	17.8	17.7	18.0	17.9	17.9
20	published in WSP 2171			17.7	17.6	17.6	17.7	17.8	17.8	18.0	17.9	18.0
25				17.7	17.7	17.7	17.7	17.8	17.7	18.0	18.0	18.1
Eom				17.7	17.7	17.5	17.8	17.8	17.8	18.0	18.1	17.9

Water year October 1974 to September 1975

5	18.0	18.0	18.0	18.0	17.9	17.94	17.90	17.80	18.00	18.80	18.04	18.28
10	18.0	18.0	18.0	17.9	17.98	17.93	17.81	17.83	17.95	18.48	18.07	18.21
15	18.0	18.0	17.9	18.0	17.92	17.96	17.83	17.87	17.90	18.38	18.12	18.34
20	18.0	17.9	18.0	17.9	17.89	17.85	17.91	17.95	18.44	18.31	18.16	18.27
25	18.0	18.0	18.0	17.8	17.90	17.89	17.89	18.01	18.73	18.22	18.18	18.17
Eom	18.1	17.9	18.0	17.9	17.87	17.85	17.86	17.92	18.88	18.06	18.18	18.20

MARION COUNTY

335803087551301. Local number Mar-1. M. M. Burleson. In Guin. Drilled unused artesian well in sandstone of Pottsville Formation of Early and Middle Pennsylvanian age, diam 6 in (15 cm), depth 520 ft (158 m), cased to 80 ft (24 m), open hole below. Lsd 452 ft (138 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 3.6 ft (1.1 m) below lsd, Mar. 31, 1972; lowest 11.76 ft (3.58 m) below lsd, Nov. 10, 1954. Records available: 1952-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				5.9	5.4	5.1	.....	.....	.....	.....	.....	.....
10	NOTE: Water levels for			5.7	5.3	5.3	.....	.....	.....	.....	.....	.....
15	October-December 1973			5.6	5.2	5.3	.....	.....	.....	.....	.....	.....
20	published in WSP 2171			5.3	5.2	5.3	.....	.....	.....	.....	.....	.....
25				5.4	5.3	5.5	.....	.....	.....	.....	5.88	.....
Eom				5.2	5.2	5.2	.....	.....	.....	.....	.....	.....

Water year October 1974 to September 1975

5	.....	6.11	6.29	5.84	5.36	.....	.....	5.11	.....	.....	5.32	5.56
10	.....	6.17	6.24	5.55	5.50	.....	.....	5.27	.....	.....	5.44	5.63
15	5.99	6.36	6.08	5.63	5.19	.....	.....	5.09	.....	.....	5.42	5.62
20	6.20	6.10	6.11	5.62	5.31	.....	.....	5.21	.....	.....	5.36	5.58
25	6.20	6.29	6.16	5.36	5.34	.....	.....	5.36	.....	.....	5.36	5.42
Eom	6.24	6.19	5.83	5.56	5.47	.....	.....	.....	.....	5.50	5.44	.....

MARSHALL COUNTY

342455086160201. Local number Mal-1. Kayo Oil Co. In Claysville. Drilled unused artesian well in Chickamauga Limestone of Middle and Late Ordovician age, diam 6 in (15 cm), depth 71 ft (22 m), cased to 20 ft (6 m), open hole below. Lsd 605 ft (184 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 3.5 ft (1.1 m) below lsd, Mar. 20, 1970; lowest 39.07 ft (11.91 m) below lsd, Nov. 22, 1961. Records available: 1961-75. Water levels affected by stage of Guntersville reservoir.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	5.4	6.5	5.7	6.4	.....	7.9	7.3	7.3
10	NOTE: Water levels for			4.9	.....	6.8	6.2	6.4	.....	7.1	7.2	7.5
15	October-December 1973			.....	.....	6.9	5.6	6.0	.....	7.7	6.1	7.5
20	published in WSP 2171			.....	5.2	6.8	6.3	.....	.....	8.1	6.6	7.8
25				.....	5.5	6.6	6.6	.....	.....	8.0	7.2	8.2
Eom				5.2	6.1	6.2	7.2	.....	.....	7.4	7.2	7.4

Water year October 1974 to September 1975

5	8.5	8.6	6.2	.....	.....	6.15	5.87	6.59	6.60	6.64	5.13	7.98
10	8.9	7.3	6.1	.....	.....	6.27	5.93	6.16	6.35	5.95	5.72	7.04
15	9.2	6.8	6.4	6.0	5.88	4.80	5.97	6.53	6.13	6.23	6.13	6.65
20	7.3	6.6	6.5	6.1	4.95	5.21	6.24	5.67	6.55	6.63	6.56	6.08
25	7.8	6.2	5.2	.....	5.71	5.34	6.53	6.35	6.95	6.43	7.10	4.55
Eom	8.3	6.6	4.2	.....	5.85	5.11	6.65	6.00	6.64	6.55	7.61	5.49

342022086183401. Local number Mal-2. Boaz Spinning Mills. In Guntersville. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 130 ft (40 m), cased to 124 ft (38 m), open hole below. Lsd 610 ft (186 m) above msl. MP top of casing, 2.10 ft (0.64 m) above lsd. Highest water level 11.91 ft (3.63 m) below lsd, Mar. 18, 1973; lowest 19.6 ft (6.0 m) below lsd, Nov. 23, 1964. Records available: 1962-74. Water levels affected by pumping of nearby wells and stage of Guntersville reservoir.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				17.8	17.0	16.9	15.0	.....	.....	15.1	18.6	.....
10	NOTE: Water levels for			17.7	15.2	15.8	.....	.....	.....	16.9	16.8	.....
15	October-December 1973			17.0	.....	17.5	.....	.....	.....	16.7	18.4	15.2
20	published in WSP 2171			16.6	.....	17.5	.....	.....	.....	.....	17.7	.....
25				17.0	.....	16.2	.....	.....	.....	17.6	15.3	.....
Eom				16.2	16.2	15.4	.....	.....	.....	18.3	16.7	17.0

Water year October 1974 to September 1975

5	17.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	19.2	17.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	19.1	17.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	17.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	19.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MARSHALL COUNTY

341837086294301. Local number Mal-4. City of Arab. In Arab. Drilled unused artesian well in sandstone of Pottsville Formation of Early and Middle Pennsylvanian age, diam 8 in (20 cm), depth 362 ft (110 m), cased to 100 ft (30 m), open hole below. Lsd 1,080 ft (329 m) above msl. MP top of casing, at lsd. Highest water level 50.11 ft (15.27 m) below lsd, Feb. 12, 1966; lowest 76.6 ft (23.3 m) below lsd, Nov. 27, 1963. Records available: 1962-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	55.5	54.9	54.6	54.5	.....	54.0	54.6	53.8
10	NOTE: Water levels for			56.4	55.4	55.0	54.5	54.4	.....	53.7	54.8	53.8
15	October-December 1973			56.1	55.5	55.1	54.0	53.8	.....	54.2	54.0	53.5
20	published in WSP 2171			55.8	55.0	55.0	54.1	.....	.....	54.7	54.0	53.6
25				55.9	55.2	55.0	54.3	.....	.....	55.2	54.4	53.8
Eom				55.4	55.0	54.6	54.5	.....	.....	54.5	54.3	53.9

Water year October 1974 to September 1975

5	54.2	53.9	52.3	52.1	51.7	51.91	51.61	.....	52.01	52.33	52.41	52.60
10	54.4	53.6	52.2	51.9	51.8	51.92	.....	.....	52.25	51.89	52.23	52.60
15	54.6	53.6	52.7	51.9	51.75	51.71	.....	.....	52.06	52.00	51.71	52.84
20	54.0	53.0	52.9	52.0	51.48	51.38	.....	.....	52.13	52.16	51.94	52.69
25	53.9	53.0	53.6	51.7	51.72	51.56	.....	.....	52.42	52.21	52.02	52.16
Eom	54.0	52.8	52.1	51.8	51.61	51.45	.....	51.63	52.36	52.39	52.26	51.85

MOBILE COUNTY

305743088010301. Local number Mob-1. Courtaulds, Inc. In Salco. Drilled unused water-table well in sand and gravel of Pliocene(?) and Miocene age, diam 12 in (30 cm), depth 123 ft (37 m), cased to 105 ft (32 m), screened 105-123 ft (32-37 m). Lsd 43.1 ft (13.1 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 38.43 ft (11.71 m) below lsd, Nov. 18, 1961; lowest 55.52 ft (16.92 m) below lsd, Aug. 15, 16, 1969. Records available: 1954-75. Water levels affected by pumping of nearby wells.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				49.2	49.2	49.1	49.2	49.9	49.8	50.1	50.4	50.8
10	NOTE: Water levels for			49.2	49.2	49.1	49.4	49.9	49.8	50.1	50.6	50.9
15	October-December 1973			49.3	49.1	49.2	49.6	49.9	49.8	50.1	50.5	51.0
20	published in WSP 2171			49.3	49.1	49.5	49.6	49.9	49.9	50.1	50.6	51.0
25				49.2	49.1	50.2	49.8	49.9	50.0	50.2	50.7	51.0
Eom				49.2	49.1	49.5	49.9	49.8	50.1	50.3	50.8	51.0

Water year October 1974 to September 1975

5	51.1	51.3	51.4	51.3	51.25	51.69	50.91	48.62	48.28	47.63	48.95	49.38
10	51.0	51.4	51.4	51.4	51.26	51.75	50.68	48.36	48.03	47.61	49.22	49.42
15	51.1	51.4	51.4	51.4	51.39	51.67	50.09	48.17	47.89	47.55	49.34	49.42
20	51.1	51.4	51.4	51.4	51.47	51.50	49.56	.....	47.77	47.55	49.39	49.40
25	51.2	51.4	51.3	51.5	51.54	51.27	49.20	48.77	47.70	48.00	49.39	49.30
Eom	51.3	51.4	51.3	51.5	51.59	51.05	48.86	48.53	47.65	48.59	49.38	49.30

313120087202501. Local number Mon-3. Monroeville American Legion Club. Drilled unused artesian well in sand and gravel of Miocene and Pliocene age and limestone of Eocene and Oligocene age, diam 6 in (15 cm), depth 128 ft (39 m), cased to 88 ft (27 m), open hole below. Lsd 408 ft (124 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 51.14 ft (15.59 m) below lsd, May 9, 1961; lowest 65.54 ft (19.98 m) below lsd, Mar. 7, 15, 1956. Records available: 1953-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				58.6	58.5	57.7	57.7	54.6	55.8	55.1	55.9	56.7
10	NOTE: Water levels for			58.7	58.3	57.7	57.6	54.5	.....	55.2	56.0	54.8
15	October-December 1973			58.8	58.1	57.7	56.4	55.8	.....	55.3	56.2	54.4
20	published in WSP 2171			58.8	58.0	57.7	54.7	55.7	54.8	55.4	56.3	54.8
25				58.9	57.9	57.7	54.8	55.7	54.9	55.6	56.4	55.0
Eom				58.8	57.8	57.6	54.8	55.8	55.0	55.7	56.6	55.1

Water year October 1974 to September 1975

5	55.2	56.0	56.9	57.3	57.7	55.8	.....	.....	.....	54.0	54.5	54.3
10	55.4	56.2	57.1	57.8	57.7	55.7	.....	53.1	.....	54.1	54.2	54.4
15	55.4	56.4	57.2	57.8	57.8	55.6	.....	53.1	.....	54.3	54.1	54.5
20	55.6	56.5	57.4	57.7	56.4	55.4	.....	53.2	53.7	54.4	54.0	54.7
25	55.8	56.7	57.5	57.7	56.0	55.3	.....	53.2	53.8	54.5	54.1	54.8
Eom	55.9	56.8	57.6	57.7	55.9	.....	.....	53.2	53.9	54.6	54.1	54.9

MONTGOMERY COUNTY

322121086232701. Local number Mtg-2. City of Montgomery. In city west well field. Drilled unused artesian well in sands of Eutaw Formation and Tuscaloosa Group of Late Cretaceous age, diam 18 in (46 cm), depth 670 ft (204 m), cased to 208 ft (63 m), screened 208-218 ft (63-66 m), 232-242 ft (71-74 m), 330-350 ft (101-107 m), 376-386 ft (115-118 m), 403-418 ft (123-127 m), 605-620 ft (184-189 m), 650-670 ft (198-204 m). Lsd 161.5 ft (49.2 m) above msl. MP top of casing, 1.20 ft (0.37 m) above lsd. Highest water level 52.0 ft (15.8 m) below lsd, Mar. 18, 1968; lowest 128.1 ft (39.0 m) below lsd, Oct. 2, 3, 1955. Records available: 1951-75. Water levels affected by pumping of nearby wells.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				79.7	76.7	75.0	76.8	80.2	83.2	91.7	89.2	89.4
10	NOTE: Water levels for			78.2	76.1	75.8	76.0	81.5	.....	90.0	87.8	89.2
15	October-December 1973			78.7	77.2	76.5	75.8	80.2	.....	89.8	85.7	89.3
20	published in WSP 2171			78.8	76.4	77.5	75.1	82.0	84.0	86.3	86.4	89.8
25				78.0	76.3	77.2	75.7	82.1	86.0	85.6	88.9	89.7
Eom				77.1	75.4	75.9	77.7	84.0	89.8	86.7	91.8	90.7

Water year October 1974 to September 1975

5	90.5	89.5	79.4	70.9	80.6	76.2	74.2	.....	84.7	85.3	88.9	87.6
10	94.6	88.2	74.6	70.9	78.5	75.0	74.5	.....	77.3	85.9	88.9	87.3
15	94.7	87.3	74.2	72.9	80.4	73.1	73.9	.....	79.6	86.7	87.4	87.0
20	92.6	85.5	73.2	76.7	80.1	72.6	.....	.....	81.5	86.9	87.4	86.7
25	93.3	85.6	77.0	78.4	77.4	74.4	.....	81.0	83.6	87.7	86.6	84.2
Eom	91.0	84.8	75.5	80.1	76.5	74.9	.....	81.5	84.3	88.6	87.0	84.8

MONTGOMERY COUNTY

322047086214301. Local number Mtg-3. County of Montgomery. At Lomax School. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 6 in (15 cm), depth 270 ft (82 m), cased to 210 ft (64 m), screened 210-215 ft (64-66 m), 220-225 ft (67-69 m), 265-270 ft (81-82 m). Lsd 167.2 ft (51.0 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 11.9 ft (3.6 m) below lsd, Mar. 17, 1968; lowest 31.3 ft (9.5 m) below lsd, Oct. 1, 1955. Records available: 1952-75. Water levels affected by pumping of nearby wells.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	.....	.....	17.6	19.3	20.3	22.5	22.2	21.9
10	NOTE: Water levels for			.....	.....	.....	17.2	19.2	20.4	22.1	21.8	21.7
15	October-December 1973			.....	.....	.....	17.3	19.3	20.8	22.2	21.4	21.8
20	published in WSP 2171			19.3	.....	.....	17.8	19.6	20.9	21.6	21.6	.....
25				.....	.....	.....	17.8	19.7	21.4	21.3	22.2	.....
Eom				.....	.....	18.2	18.5	20.3	22.2	21.6	22.9	.....

Water year October 1974 to September 1975

5	.....	21.4	19.8	17.7	17.51	16.01	16.81	16.35	18.97	19.83	18.72	19.18
10	.....	21.5	19.6	16.4	16.85	16.29	15.03	16.90	18.15	19.81	17.81	19.43
15	.....	21.4	19.6	15.7	17.29	15.61	14.93	17.34	18.39	19.93	17.26	19.65
20	.....	21.3	19.4	16.9	15.61	14.22	14.85	17.38	18.92	20.13	17.88	19.59
25	.....	21.4	19.0	17.2	15.40	14.82	15.64	18.00	19.57	20.47	18.30	18.36
Eom	21.9	21.0	18.4	17.3	15.44	15.25	16.33	18.45	19.85	19.56	18.74	.....

322040086232501. Local number Mtg-4. City of Montgomery. In city west well field. Drilled unused artesian well in sand of Gordo Formation of Late Cretaceous age, diam 6 in (15 cm), depth 446 ft (136 m), cased to 408 ft (124 m), screened 408-413 ft (124-126 m), 424-429 ft (129-131 m), 441-446 ft (134-136 m). Lsd 152.8 ft (46.6 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 41.9 ft (12.8 m) below lsd, Feb. 5, 1968; lowest 135.1 ft (41.2 m) below lsd, Oct. 2, 3, 1955. Records available: 1953-75. Water levels affected by pumping of nearby wells.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	79.4	77.3	78.6	.....	81.8	.....	87.6	.....
10	NOTE: Water levels for			.....	78.8	78.3	76.9	.....	79.2	.....	87.4	.....
15	October-December 1973			.....	80.3	79.5	.....	.....	83.0	.....	84.6	.....
20	published in WSP 2171			.....	78.9	79.2	.....	.....	.....	87.6	85.0	.....
25				80.1	78.0	77.9	.....	79.5	.....	87.4	.....	93.9
Eom				78.8	76.3	79.0	.....	82.8	.....	87.3	.....	95.0

Water year October 1974 to September 1975

5	93.5	.....	80.0	59.1	.....	79.1	75.5	77.2	84.9	90.4	96.5	93.79
10	98.3	91.2	67.9	.....	.....	78.4	75.6	78.8	72.6	91.2	97.24	94.18
15	99.2	92.7	65.4	.....	81.0	77.8	76.3	79.0	78.1	91.3	96.15	93.09
20	97.6	87.9	63.4	.....	84.0	75.2	78.1	79.9	82.8	91.7	93.33	90.72
25	96.8	86.8	62.6	.....	80.7	77.1	81.0	82.1	87.0	96.0	93.37	88.69
Eom	95.4	87.8	62.6	.....	80.1	77.0	80.2	81.7	89.7	96.5	94.05	89.36

MONTGOMERY COUNTY

322455086140501. Local number Mtg-5. U.S. Air Force. At Gunter Air Force Base. Drilled unused artesian well in sand of Gordo Formation of Late Cretaceous age, diam 8 in (20 cm), depth 232 ft (71 m), cased to 215 ft (66 m), screened 215-232 ft (66-71 m). Lsd 220.8 ft (67.3 m) above msl. MP top of casing, 1.80 ft (0.55 m) above lsd. Highest water level 82.78 ft (25.23 m) below lsd, Mar. 29, 1972; lowest 116.97 ft (35.65 m) below lsd, Sept. 16, 24, 1963. Records available: 1958-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				85.7	84.9	84.2	84.0	84.1	84.5	85.0	85.4	85.9
10	NOTE: Water levels for			85.6	84.8	84.2	84.0	84.2	84.5	85.1	85.5	86.0
15	October-December 1973			85.5	84.6	84.2	84.0	84.2	84.5	85.2	85.6	86.2
20	published in WSP 2171			85.3	84.5	84.0	84.2	84.3	84.7	85.3	85.7	86.2
25				85.2	84.5	84.1	84.2	84.3	84.8	85.3	85.6	86.3
Eom				85.0	84.2	83.9	84.2	84.4	85.0	85.4	85.8	86.2

Water year October 1974 to September 1975

5	86.3	86.7	86.8	86.3	85.4	84.7	83.9	83.4	83.5	83.5	83.7	84.02
10	86.4	86.7	86.8	86.0	85.3	84.6	83.8	83.4	83.5	83.6	83.71	84.08
15	86.4	86.8	86.6	86.0	85.2	84.4	83.7	83.4	83.5	83.7	83.71	84.21
20	86.5	86.7	86.5	85.9	85.0	84.3	83.6	83.4	83.6	83.7	83.81	84.25
25	86.6	86.8	86.3	85.7	84.9	84.2	83.5	83.4	83.6	83.8	83.86	84.15
Eom	86.7	86.8	86.4	85.6	84.9	84.1	83.4	83.4	83.6	83.8	83.89	84.25

MORGAN COUNTY

343604086574201. Local number Mor-3. City of Decatur. At filter plant. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 295 ft (90 m), cased to 23 ft (7 m), open hole below. Lsd 570 ft (174 m) above msl. MP top of casing, 0.60 ft (0.18 m) above lsd. Highest water level 7.30 ft (2.22 m) below lsd, Mar. 20, 1973; lowest 17.25 ft (5.26 m) below lsd, Sept. 17, 1961. Records available: 1961-75. Water levels affected by stage of Wheeler reservoir.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				11.8	11.0	15.3	13.2	11.4	11.0	11.2	12.1	13.1
10	NOTE: Water levels for			.....	11.9	15.7	11.4	11.1	10.8	11.5	12.1	13.3
15	October-December 1973			10.1	13.1	16.0	12.0	11.1	11.2	12.1	11.9	13.3
20	published in WSP 2171			12.1	12.2	15.6	12.1	11.1	11.1	12.2	12.8	13.6
25				12.3	12.6	12.9	11.5	11.4	11.3	11.5	13.0	13.8
Eom				10.8	13.7	13.4	11.5	10.9	11.8	11.8	12.6	13.7

Water year October 1974 to September 1975

5	14.1	14.7	15.2	.....	.....	13.59	10.43	11.54	.....	11.49	11.89	13.20
10	14.2	15.0	.....	.....	.....	.....	12.19	.....	.....	11.12	12.15	13.14
15	14.3	15.3	.....	.....	14.33	.....	11.94	.....	.....	11.80	11.97	13.49
20	14.5	15.0	.....	.....	12.52	11.07	11.51	.....	.....	11.66	12.45	13.57
25	14.7	15.5	.....	.....	14.48	11.14	11.22	.....	.....	11.21	12.89	13.19
Eom	14.8	15.7	.....	.....	14.61	10.45	11.26	.....	11.62	11.68	13.00	13.56

343425086550001. Local number Mor-4. U.S. Fish and Wildlife Service. In Wheeler Wildlife Refuge. Drilled unused artesian well in Fort Payne Chert and Tuscumbia Limestone of Early and Late Mississippian age, diam 8 in (20 cm), depth 301 ft (92 m), cased to 148 ft (45 m), open hole below. Lsd 624 ft (190 m) above msl. MP top of casing, 0.60 ft (0.18 m) above lsd. Highest water level 59.60 ft (18.17 m) below lsd, Mar. 16, 1975; lowest 72.88 ft (22.21 m) below lsd, Sept. 24, 25, 1961. Records available: 1961-75. Water levels affected by stage of Wheeler reservoir.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	62.4	65.8	65.9	64.8	.....	66.0	68.2	69.4
10	NOTE: Water levels for			.....	63.3	66.3	64.6	64.9	63.9	66.7	67.9	69.7
15	October-December 1973			61.3	64.2	66.7	63.6	64.2	64.6	67.6	.....	69.9
20	published in WSP 2171			62.2	63.2	66.9	64.5	.....	63.9	67.9	.....	70.0
25				62.6	63.5	66.1	64.6	.....	65.4	67.6	69.5	69.4
Eom				62.1	64.7	65.4	64.9	.....	66.2	67.7	69.4	69.4

Water year October 1974 to September 1975

5	69.7	71.4	.....	66.1	65.4	67.05	61.80	64.35	64.92	.....	.....	67.30
10	69.9	71.9	69.7	.....	65.3	67.33	63.29	63.68	65.13	.....	.....	65.32
15	70.2	71.9	70.3	64.6	66.50	61.97	63.53	64.26	64.99	.....	64.39	65.16
20	70.3	71.7	70.8	.....	64.15	61.66	63.46	63.18	65.34	.....	65.25	65.59
25	70.6	70.1	69.3	65.6	66.19	61.77	63.63	63.90	66.02	.....	66.14	63.47
Eom	71.5	70.8	64.7	65.8	66.39	60.56	63.98	64.35	64.79	.....	66.65	64.30

PICKENS COUNTY

332136088010701. Local number Pic-5. Southern Natural Gas. At Reform. Drilled unused artesian well in sand of Coker Formation of Late Cretaceous age, diam 18 in (46 cm), depth 235 ft (72 m), cased to 185 ft (56 m), screened 185-235 ft (56-72 m). Lsd 250 ft (76 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 21.95 ft (6.69 m) below lsd, July 18, 1963; lowest 43.9 ft (13.4 m) below lsd, Oct. 10, 1971. Records available: 1963-75. Measurement discontinued Apr. 4, 1975. Water levels affected by pumping of nearby wells.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				29.8	30.0	29.6	29.3	31.0	29.4	29.7	39.1	29.9
10	NOTE: Water levels for			29.7	29.5	31.3	29.2	29.3	29.3	29.7	29.9	29.7
15	October-December 1973			29.7	29.6	29.5	38.7	29.4	29.3	30.6	30.0	29.8
20	published in WSP 2171			38.6	29.6	29.5	29.5	37.9	29.4	29.9	30.0	29.9
25				29.6	29.6	30.5	29.4	29.3	29.4	29.9	34.4	30.0
Eom				29.5	29.5	37.9	29.5	29.3	30.2	30.1	30.1	30.3

Water year October 1974 to September 1975

5	33.0	30.6	30.4	30.1	29.65	29.91	.....	.....	.....	.....	.....	.....
10	30.2	41.2	30.3	30.0	30.43	30.51	.....	.....	.....	.....	.....	.....
15	30.5	30.5	38.4	30.0	29.76	29.54	.....	.....	.....	.....	.....	.....
20	38.7	30.5	30.2	30.7	29.62	29.55	.....	.....	.....	.....	.....	.....
25	30.4	40.4	30.2	29.7	29.86	29.67	.....	.....	.....	.....	.....	.....
Eom	30.5	30.4	30.6	29.9	29.70	30.19	.....	.....	.....	.....	.....	.....

ST. CLAIR COUNTY

333525086163701. Local number Stc-1. Avondale Mills. In Pell City. Drilled unused artesian well in Maury Formation, Fort Payne Chert, and Floyd Shale of Early and Late Mississippian age, diam 10 in (25 cm), depth 209 ft (64 m), casing depth unknown, open hole below casing. Lsd 548 ft (167 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 1.49 ft (0.45 m) above lsd, Feb. 4, 1975; lowest 9.2 ft (2.8 m) below lsd, Nov. 20, 1965. Records available: 1962-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				0.0	-1.3	-2.1	-0.3	-3.3	.....	.....	-7.4	-1.8
10	NOTE: Water levels for			+ .1	.4	2.8	-1.3	3.9	.....	.....	5.7	2.8
15	October-December 1973			- .2	1.2	3.3	.0	3.9	.....	.....	4.8	3.3
20	published in WSP 2171			1.2	.2	3.6	-1.5	3.2	.....	.....	5.8	4.4
25				.7	.7	2.2	1.7	1.4	.....	-7.0	6.5	5.4
Eom				.3	1.3	1.3	2.5	.....	.....	7.1	6.4	4.8

Water year October 1974 to September 1975

5	-5.8	-7.4	-3.5	+0.2	+0.92	-2.10	-0.82	-2.76	-4.08	-4.45	-2.68	-5.72
10	6.3	7.2	1.3	.....	- .52	2.36	.60	2.69	4.11	2.38	1.24	3.47
15	6.7	5.8	2.6	+0.3	1.13	- .15	.13	3.17	2.93	2.93	2.34	4.41
20	6.5	5.9	-2.1	.....	.46	+ .21	1.45	2.03	3.46	3.75	3.34	-4.84
25	6.9	4.6	+ .6	.....	1.03	- .22	2.25	2.90	4.28	2.97	4.26	+ .21
Eom	7.2	5.2	+ .3	.....	1.41	.06	2.19	3.35	4.11	2.64	5.10	-1.41

331021086150501. Local number Tal-2. City of Sylacauga. Drilled unused artesian well in marble, diam 6 in (15 cm), depth 202 ft (62 m), cased to 69 ft (21 m), open hole below. Lsd 546.4 ft (166.5 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 11.1 ft (3.4 m) below lsd, Mar. 30, 1959; lowest 49.75 (15.16 m) below lsd, Dec. 20, 1962. Records available: 1954-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				24.3	24.2	22.7	23.4	26.6	29.6	37.3	36.2	35.4
10	NOTE: Water levels for			23.2	23.7	24.1	24.1	27.5	30.5	29.9	32.7	37.7
15	October-December 1973			24.1	24.8	25.3	22.0	27.9	31.3	33.0	33.8	39.3
20	published in WSP 2171			25.3	20.7	26.3	23.2	29.0	32.6	34.9	35.0	41.0
25				26.0	20.6	25.9	23.8	28.5	33.7	35.5	43.8	42.4
Eom				23.0	21.4	27.0	25.3	29.2	35.2	36.3	41.0	42.8

Water year October 1974 to September 1975

5	44.0	46.8	46.1	30.8	23.2	21.1	.....	22.2	27.3	32.7	28.8	34.5
10	44.8	47.2	45.6	28.1	.....	22.2	.....	22.9	27.8	27.0	33.4	34.6
15	45.2	47.2	48.2	23.9	.....	20.0	.....	24.3	28.5	28.3	34.5	30.6
20	45.3	47.6	48.4	29.4	.....	.....	19.1	23.1	29.9	26.3	36.7	32.7
25	45.9	42.4	41.4	32.6	.....	.....	20.6	24.8	30.4	27.6	33.3	33.6
Eom	46.5	47.2	31.8	30.8	.....	.....	21.7	26.3	31.6	29.1	33.8	24.6

TUSCALOOSA COUNTY

331239087323601. Local number Tus-1. University of Alabama. At University. Drilled unused water-table well in sand and gravel of Coker Formation of Late Cretaceous age, diam 4 in (10 cm), depth 61 ft (19 m), cased to 55 ft (17 m), screened 55-61 ft (17-19 m). Lsd 230.1 ft (70.1 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 22.52 ft (6.86 m) below lsd, Mar. 29, 1975; lowest 27.86 ft (8.49 m) below lsd, Jan. 10, 11, 13, 1955. Records available: 1952-75.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				24.6	23.4	22.6	23.0	22.6	22.9	23.3	23.7	24.4
10	NOTE: Water levels for			24.5	23.3	22.6	23.1	22.7	23.0	23.4	23.9	24.4
15	October-December 1973			24.2	23.1	22.7	23.0	22.9	23.0	23.5	24.0	24.3
20	published in WSP 2171			24.0	23.0	22.8	22.7	22.9	23.1	23.5	24.1	24.4
25				23.8	22.8	22.9	22.6	23.0	23.1	23.6	24.2	24.4
Eom				23.6	22.7	22.9	22.6	22.9	23.2	23.7	24.3	24.5

Water year October 1974 to September 1975

5	24.5	24.9	25.3	.....	24.09	23.31	.....	.....	.....	23.02	23.45	23.83
10	24.6	25.0	25.3	.....	23.89	23.29	.....	.....	.....	23.12	23.47	23.89
15	24.6	25.1	25.4	.....	23.70	23.25	.....	.....	.....	23.19	23.49	23.95
20	24.7	25.1	25.4	.....	23.56	22.99	.....	.....	.....	23.27	23.71	24.03
25	24.8	25.2	25.5	.....	23.44	22.76	.....	.....	.....	23.34	23.75	24.12
Eom	24.8	25.2	.....	24.25	23.35	22.56	.....	.....	.....	23.44	23.77	24.19

TUSCALOOSA COUNTY

331045087342501. Local number Tus-4. City of Tuscaloosa. In city well field. Drilled unused artesian well in sand of Coker Formation of Late Cretaceous age, diam 6 in (15 cm), depth 83 ft (25 m), cased to 77 ft (23 m), screened 77-83 ft (23-25 m). Lsd 160 ft (49 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 18.24 ft (5.56 m) below lsd, Mar. 18, 1975; lowest 35.9 ft (10.9 m) below lsd, Dec. 5, 1969. Records available: 1962-75. Water levels affected by pumping of nearby wells.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	.....	19.7	19.9	19.7	19.5	20.3	20.7	20.5
10	NOTE: Water levels for			.....	.....	19.8	20.0	19.9	19.7	20.3	20.5	20.1
15	October-December 1973			.....	.....	19.9	19.3	19.8	19.8	20.3	20.6	20.1
20	published in WSP 2171			.....	.....	19.9	19.2	19.9	20.0	20.4	20.7	20.3
25				.....	19.6	19.8	19.4	19.7	20.0	20.5	20.8	20.5
Eom				.....	19.5	19.8	19.6	19.6	20.2	20.6	20.8	20.6

Water year October 1974 to September 1975

5	20.7	21.0	21.1	20.0	.....	19.50	19.02	19.15	19.32	19.32	19.24	19.80
10	20.7	21.0	21.0	19.8	.....	19.54	18.99	18.86	19.10	19.28	19.13	19.86
15	20.8	21.1	20.8	19.5	19.44	18.86	18.89	18.92	18.89	19.48	19.35	19.99
20	20.8	20.9	20.8	19.5	19.18	18.56	19.01	18.90	19.06	19.55	19.43	20.01
25	20.9	20.9	20.5	19.7	19.32	18.86	19.08	19.08	19.18	19.65	19.56	19.95
Eom	21.0	21.0	20.0	.....	19.28	18.83	19.13	19.19	19.35	19.72	19.64	20.01

331340087381601. Local number Tus-5. Bryce Hospital. Near Coker. Drilled unused artesian well in sand of Coker Formation of Late Cretaceous age, diam 6 in (15 cm), depth 109 ft (33 m), cased to 103 ft (31 m), screened 103-109 ft (31-33 m). Lsd 157 ft (48 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 19.88 ft (6.06 m) below lsd, Jan. 14, 1968; lowest 34.4 ft (10.5 m) tape measurement, below lsd, Sept. 15, 1965. Records available: 1964-75. Water levels affected by pumping of nearby wells.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				22.2	20.8	20.8	21.7	21.3	21.7	.....	22.9	23.0
10	NOTE: Water levels for			21.8	20.7	21.0	21.6	21.5	21.8	22.5	22.9	22.9
15	October-December 1973			21.5	20.6	21.3	20.6	21.7	21.7	22.6	23.1	23.7
20	published in WSP 2171			21.1	20.6	21.2	20.7	21.8	22.0	22.7	23.2	.....
25				21.1	20.9	21.4	21.0	21.6	.....	22.8	23.3	.....
Eom				20.5	20.6	21.3	21.1	21.5	.....	22.9	23.3	22.8

Water year October 1974 to September 1975

5	23.0	23.4	.....	.....	21.02	21.21	21.20	22.42	22.83	21.85	22.49	22.85
10	23.1	23.4	.....	.....	21.97	21.29	21.21	22.21	21.86	22.32	21.98	22.89
15	23.1	23.5	.....	.....	21.38	20.86	21.31	21.79	21.56	22.59	22.13	23.12
20	23.2	23.5	.....	22.1	20.88	.....	21.48	21.82	21.75	22.55	22.29	22.95
25	23.3	.....	.....	21.7	21.08	.....	21.67	21.98	21.77	22.76	22.39	22.90
Eom	23.3	.....	.....	22.08	20.96	20.80	22.07	22.41	21.86	22.75	22.35	23.52

WILCOX COUNTY

315513087264501. Local number Wil-2. Mrs. J. R. Harvey. Drilled unused water-table well in sand and gravel of alluvial deposits of Quaternary age, diam 16 in (41 cm), depth 55 ft (17 m), cased to 39 ft (12 m), screened 39-55 ft (12-17 m). Lsd 55 ft (17 m) above msl. MP top of recorder platform, 1.45 ft (0.44 m) above lsd. Highest water level 4.46 ft (1.36 m) below lsd, Mar. 10, 1971; lowest 31.56 ft (9.62 m) below lsd, Dec. 3, 4, 1970. Records available: 1970-75. Measurement discontinued May 5, 1975.

Lowest water level for the day, water year October 1973 to September 1974

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5				.....	24.2	24.4	24.9	26.2	27.8	29.0	29.7	30.1
10	NOTE: Water levels for			.....	23.8	25.3	23.0	26.7	27.8	29.1	29.7	28.9
15	October-December 1973			25.1	24.1	25.9	22.6	27.1	28.0	29.2	29.8	29.3
20	published in WSP 2171			25.8	23.2	26.5	23.0	27.3	28.3	29.3	29.9	29.7
25				25.0	23.6	26.7	24.8	27.4	28.6	29.5	30.0	29.9
Eom				24.3	22.9	26.5	25.7	27.6	28.8	29.6	30.1	29.3

Water year October 1974 to September 1975

5	29.8	30.4	30.4	27.2	24.2	19.7	14.6	.....	.....	.....	.....	.....
10	30.0	30.5	30.4	26.3	21.9	21.8	17.0	.....	.....	.....	.....	.....
15	30.1	30.4	30.4	23.2	22.5	21.8	18.9	.....	.....	.....	.....	.....
20	30.2	30.6	30.3	24.5	16.4	13.6	14.7	.....	.....	.....	.....	.....
25	30.3	30.5	29.7	25.4	10.5	8.8	21.4	.....	.....	.....	.....	.....
Eom	30.4	30.6	27.2	23.2	13.7	16.4	23.5	.....	.....	.....	.....	.....

INDEX

Page

Abbie Creek near Haleburg..... 40, 331
Abernant, Davis Creek at..... 341
Acre-foot, definition of..... 3
Adamsville, Village Creek near..... 144, 340
Agricola, Miss., Escatawpa River near..... 177, 315
Alabama River at Claiborne..... 125, 279
  at Claiborne lock and dam near Monroeville 122
  at Jones Bluff lock and dam near Benton... 103
  at Montgomery..... 95
  at Millers Ferry lock and dam near Camden. 118
  at Selma..... 107, 272
  near Montgomery..... 98, 265
Aldridge Creek at Huntsville..... 216
  at Farley..... 229
  near Lily Flagg..... 229, 321
Alexandria, McCullars Spring near..... 195
Allatoona reservoir..... 173
Allen Spring near Valley Head..... 195
Angel, Seven Springs Creek near..... 195
Anniston, Coldwater Spring near..... 73
Apalachicola River basin, crest-stage
    partial-record stations in..... 221
  discharge measurements at miscellaneous
    sites in..... 224
  gaging station records in..... 36
Aquifer, definition of..... 3
Ardmore, Blowing Spring near..... 196
Ariton, Pea River near..... 197, 235
Ashland, Enitachopco Creek below..... 222
Ashville Spring at Ashville..... 346
Ashville, Big Canoe Creek at..... 72, 249
Ash weight, definition of..... 4
Athens, Limestone Creek near..... 220

Bacteria, definition of..... 3
Barren Fork Creek near Triana..... 351
Barrineau Park, Fla., Perdido River at..... 65, 243
Bates Creek near Sims Chapel..... 223
Batesville, South Fork Cowikee Creek near... 39, 331
Bay Spring near Shelby..... 225
Bear Creek at Bishop..... 192, 326
  at Posey Mill..... 223
  near Hackleburg..... 188
  near Red Bay..... 189, 352
Beason Spring near Gurley..... 229
Beaverdam Creek near Meridianville 196, 228, 348-350
Benton, Alabama River at Jones Bluff lock
    and dam near..... 103
Berry Spring near Jamestown..... 195
Bessemer, Black Warrior River at Bankhead
    lock and dam near..... 147
  Valley Creek near..... 341
Big Canoe Creek at Ashville..... 72, 249
Big Nance Creek at Courtland..... 185, 352
Big Sandy Creek near Coaling..... 226
Big Spring at Jacksonville..... 333
  near Blountsville..... 195, 339
  near Guntersville..... 352
Big Swamp Creek near Lowndesboro..... 225, 271
Big Wills Creek near Crudup..... 201, 248
Billis Creek near Melvin..... 223
Binion Creek near Lake Tuscaloosa..... 346
Biochemical oxygen demand, definition of.... 4
Biomass, definition of..... 4
Birmingham, Cahaba River at pump station
    near..... 329
Bishop, Bear Creek at..... 192, 326
Black Branch near Oakman..... 339
Black Warrior River at Bankhead lock and
    dam near Bessemer..... 147
  at Holt lock and dam near Holt..... 150
  at Northport..... 154, 302
  at Oliver lock and dam at Tuscaloosa..... 155
  at Warrior lock near Sawyerville..... 158
Blackwater River basin, gaging station
    records in..... 51
Blackwater River near Bradley..... 51, 332
Blanche, Congo Spring near..... 195
Blountsville, Big Spring near..... 195, 339
Blowing Spring near Ardmore..... 196
Blowing Springs near Rogersville..... 196
Blue Creek near Spencer Hill..... 341

Page

Blue Pond, Little River near..... 68, 333
Bluff Creek near Midway..... 221
Boiling Spring near Maysville..... 228, 348-350
Bradley, Blackwater River near..... 51, 332
Brantley, Conecuh River at..... 53, 238
  Patsaliga Creek near..... 54, 332
Bazemore Springs near Grangeburg..... 224
Brewton, Conecuh River at..... 59
Brier Fork Flint River above Beaverdam
    Creek near Meridianville..... 228, 348-350
  near Chase..... 228
  near Hazel Green..... 228
Broglan Branch at Holmes Avenue at
    Huntsville..... 219
Brown Spring near Stevenson..... 196
Brush Creek near Eutaw..... 339
  near Lake Tuscaloosa..... 344
Burnt Corn Creek at Brewton..... 224
  near Brewton..... 224
Butler, Tuckabum Creek near..... 223
Buttahatchee River below Hamilton..... 208
  near Sulligent..... 210
Buzzard Roost Spring near Cherokee..... 196

Cahaba River at Centreville..... 111, 276
  at pump station near Birmingham..... 329
  near Harrisburg..... 225
  near Helena..... 222
  near Marion Junction..... 114, 335
Caine Creek near Safford..... 206
Camden, Alabama River at Millers Ferry
    lock and dam near..... 118
Cane Creek near Heflin..... 221
Carroll Creek at Lake Tuscaloosa..... 342, 344
  near Lake Tuscaloosa..... 342
Catoma Creek near Montgomery..... 102, 270
Cave Spring near Priceville..... 196
Cedar Cove, Hurricane Creek near..... 341
Cedar Creek (tributary to Alabama River)
    at Minter..... 117, 335
Cedar Creek (tributary to Bear Creek)
    near Pleasant Site..... 190, 352
Cedar Spring near Munford..... 225
Cells/volume, definition of..... 6
Central, Paterson Creek near..... 80, 334
Centreville, Cahaba River at..... 111, 276
  Sandy Creek near..... 222
Century, Fla., Escambia River near..... 64
Cfs-day, definition of..... 5
Chase Creek near Chase..... 228
Chase, Flint River near..... 181, 317
Chattahoochee River at Columbus, Ga..... 37
  at West Point, Ga..... 36
Chattooga River above Gaylesville..... 199
  at Summerville, Ga..... 67
Cheaha Creek near Talladega..... 221
Chemical oxygen demand, definition of..... 5
Cherokee, Buzzard Roost Spring near..... 196
Chickasaw Bogue near Linden..... 166, 307
Chickasaw Creek near Kushla..... 172, 313
Childersburg, Coosa River at..... 74, 251
Chlorophyll, definition of..... 5
Choccolocco Creek at Jackson Shoals near
    Lincoln..... 202
Choctawhatchee River basin, crest-stage
    partial-record stations in..... 221
  discharge measurements at miscellaneous
    sites in..... 224
  flood-hydrograph partial-record stations
    in..... 197
  gaging-station records in..... 41
  water-quality records in..... 232
Choctawhatchee River near Geneva..... 44
  near Newton..... 41, 232
Chubbahatchee Creek near Friendship..... 222
Claiborne, Alabama River at..... 125, 279
Cleveland, Locust Fork near..... 140, 340
Coal Fire Creek near Pickensville..... 129, 335
Coatopa, Tombigbee River at Demopolis lock
    and dam near..... 161
  Tombigbee River below Demopolis lock and
    dam near..... 162, 305

Page
Coffee Spring near Coffee Springs..... 224
Coffeeville, Satilpa Creek near..... 171, 341
Tombigbee River at Coffeeville lock and dam near..... 167
Tombigbee River below Coffeeville lock and dam near..... 168, 308
Coldwater Spring near Anniston..... 73
Coliform organisms, definition of..... 3
Columbiana, Waxahatchee Creek near..... 221
Columbus, Ga., Chattahoochee River at..... 37
Columbus, Miss., Tombigbee River at..... 127
Conecuh River at Brantley..... 53, 238
at Brewton..... 59
at River Falls..... 55
Congo Spring near Blanche..... 195
Contents, definition of..... 5
Control, definition of..... 5
Cooperation..... 2
Coosa River at Childersburg..... 74, 251
at Gadsden..... 69, 246
at Jordan dam near Wetumpka..... 81, 261
at Wetumpka..... 82
near Rome, Ga..... 66
near Verbena..... 255
Copeland Creek near Hazel Green..... 228
Cordova, Mulberry Fork near..... 137
Cotaco Creek at Florette..... 183, 351
Cottonwood, Cowarts Creek near..... 221
Courtland, Big Nance Creek at..... 185, 352
Cowarts Creek near Cottonwood..... 221
Crow Creek near Stevenson..... 227
Crudup, Big Wills Creek near..... 201, 248
Cubic foot per second, definition of..... 5
Cubic feet per second per square mile, definition of..... 5

Davis Creek at Abernant..... 341
Decatur, Tennessee River at..... 323
Definition of terms..... 3
Degrees Celsius to degrees Fahrenheit..... 21
Dempsy, Elder Creek near..... 203
Discharge, definition of..... 5
Dog River basin, water-quality records in... 347
Double Branch Creek near Monroeville..... 225
Downstream order and station numbers..... 11
Drainage area, definition of..... 5
Dry Creek near Lake Tuscaloosa..... 346
Dry weight, definition of..... 4
Dug Hill Spring near Brownsboro..... 229
Dupree Branch near Harvest..... 229

East Bassett Creek at Walker Springs..... 223
Elder Creek near Dempsy..... 203
Elba, Pea River at..... 47
Elk River near Prospect, Tenn..... 184
Ellisville, Terrapin Creek at..... 200
Enitachopco Creek below Ashland..... 222
Escambia River basin, crest-stage partial-record stations in..... 221
discharge measurements at miscellaneous sites in..... 224
gaging-station records in..... 52
water-quality records in..... 236
Escambia River near Century, Fla..... 64
Escatawpa River near Agricola, Miss..... 177, 315
Esslinger Spring at Huntsville..... 229
Eutaw, Brush Creek near..... 339
Evergreen, Murder Creek near..... 62, 241

Factors, conversion of chemical constituents in milligrams or micrograms per litre to milliequivalents per litre..... 7
converting English units to International System (SI) units..... 33
Fadette, Grants Branch tributary near..... 221
Fagan Creek at Huntsville..... 230
Fecal coliform bacteria, definition of..... 4
Fecal streptococcal bacteria, definition of. 4
Fernbank, Mud Creek near..... 222
Fisk, Flint River above Stewart Branch near. 348-350
Fivemile Creek at Ketona..... 143, 340
at Linn Crossing..... 222

Page
Flint River above Stewart Branch near Fisk. 348-350
near Chase..... 181, 317
near Gurley..... 229
near Mount Carmel..... 228, 320
near Owens Cross Roads..... 229, 348-350
northwest of Owens Cross Roads..... 229
southwest of Owens Cross Roads..... 229
west of Gurley..... 348-350
Florence, Tennessee River at..... 187, 325
Florette, Cotaco Creek at..... 183, 351
Hughes Spring near..... 196
Fort Mitchell, Uchee Creek near..... 38, 331
Fort Payne, Snodgrass Spring near..... 353
Fowler Creek near Hazel Green..... 227
Friendship, Chubbahatchee Creek near..... 222

Gadsden, Coosa River at..... 69, 246
Gage height, definition of..... 6
Gaging stations, definition of..... 6
Gainesville, Tombigbee River at..... 132, 289
Garden City, Mulberry Fork near..... 135, 295
Gaylesville, Chattooga River above..... 199
Geiger, Noxubee River near..... 130, 336
Geneva, Choctawhatchee River near..... 44
Geraldine, Town Creek near..... 179, 347
Grants Branch tributary near Fadette..... 221
Grayson, Sipsey Fork near..... 136, 296
Greenville, Stallings Creek near..... 221
Greenwood, Shades Creek near..... 110, 273
Grogan Spring near Winterboro..... 225
Ground-water data, explanation of..... 23
Ground-water records..... 355
Baldwin County
Bal-1..... 356
Bibb County
Bib-1..... 356
Bullock County
Bul-1..... 356
Butler County
But-2..... 357
But-3..... 357
But-4..... 357
Calhoun County
Cal-1..... 358
Clarke County
Cla-1..... 358
Colbert County
Col-1..... 358
Cullman County
Cul-1..... 359
Dallas County
Dls-3..... 359
Elmore County
Elm-1..... 359
Franklin County
Fra-1..... 360
Greene County
Gre-3..... 360
Hale County
Hal-1..... 360
Jackson County
Jac-2..... 361
Jefferson County
Jef-1..... 361
Lauderdale County
Lau-1..... 361
Lawrence County
Law-1..... 362
Law-2..... 362
Limestone County
Lim-4..... 362
Madison County
Mad-1..... 363
Mad-2..... 363
Mad-4..... 363
Mad-5..... 364
Mad-7..... 364
Marengo County
Mag-1..... 364
Mag-2..... 365
Marion County
Mar-1..... 365

Page

Ground-water records--Continued
  Marshall County
    Mal-1..... 365
    Mal-2..... 366
    Mal-4..... 366
  Mobile County
    Mob-1..... 366
  Monroe County
    Mon-3..... 367
  Montgomery County
    Mtg-2..... 367
    Mtg-3..... 367
    Mtg-4..... 368
    Mtg-5..... 368
  Morgan County
    Mor-3..... 368
    Mor-4..... 369
  Pickens County
    Pic-5..... 369
  St. Clair County
    Stc-1..... 369
  Talladega County
    Tal-2..... 370
  Tuscaloosa County
    Tus-1..... 370
    Tus-4..... 370
    Tus-5..... 371
  Wilcox County
    Wil-2..... 371
Guntersville, Big Spring near..... 352
Guntersville Lake..... 193
Gurley, Flint River west of..... 348-350
Hackleburg, Bear Creek near..... 188
Hacoda, Panther Creek near..... 50, 331
Haleburg, Abbie Creek near..... 40, 331
Halltown, Little Bear Creek near..... 191, 352
Hamilton, Buttahatchee River below..... 208
Hammondville, Phillips Spring near..... 196
Hamner Creek near Lake Tuscaloosa..... 344
Hannon Slough at Bear School at Montgomery.. 205
Hardness, definition of..... 6
Hatchet Creek near Rockford..... 79, 259
Heflin, Cane Creek near..... 221
  Tallapoosa River near..... 85, 334
Helena, Cahaba River near..... 222
Hester Creek near Plevna..... 227, 348-350
Hilltop Estates Landing, Lake Tuscaloosa at. 342
H. Neely Henry reservoir..... 173
Holt, Black Warrior River at Holt lock and
    dam near..... 150
  Hurricane Creek near..... 341
Horse Creek near Sweetwater..... 223
Hoven Spring near Jackson..... 226
Hughes Spring near Florette..... 196
Huntsville, Aldridge Creek at..... 216
  Broglan Branch at Holmes Avenue at..... 219
  Pine Haven Ditch at..... 218
  Straight Ditch at..... 215
  Tennessee River at pump station near..... 330
Huntsville Spring Branch at Dodd Road near
    Huntsville..... 351
  at Johnson Road at Huntsville..... 230
  at Martin Road near Huntsville..... 230, 322
  at Patton Road near Huntsville..... 348-350
  at Sears Drive at Huntsville..... 230
Hurricane Creek (tributary to Black Warrior
    River) near Cedar Cove..... 341
  near Holt..... 341
Hurricane Creek (tributary to Flint River)
    near Maysville..... 229
  near New Market..... 229, 348-350
Hutson Branch near Monroeville..... 225
Hydrologic bench-mark station, definition of 9
Hydrologic conditions..... 24

Index..... 373
Indian Creek (tributary to Conecuh River)
    near Troy..... 52, 236
Indian Creek (tributary to Tennessee River)
    near Madison..... 217, 348-350
  near Huntsville..... 230
Instantaneous discharge, definition of..... 5

Page

Introduction..... 1
Iron City, Tenn., Shoal Creek at..... 186

Jacksonville, Big Spring at..... 333
Jamestown, Berry Spring near..... 195
Jones, Mulberry Creek at..... 106, 334
Jordan Lake..... 174
Judy Creek near Ozark..... 221

Ketona, Fivemile Creek at..... 143, 340
Kimbrough, Turkey Creek at..... 121, 277
Kirkland, Murder Creek at..... 63, 332
Knox Creek at Capshaw..... 230
Kushla, Chickasaw Creek near..... 172, 313

Lake Martin..... 174
Lake Tuscaloosa at dam near Tuscaloosa..... 345
  at Hilltop Estates Landing..... 342
  Binion Creek near..... 346
  Brush Creek near..... 344
  Carroll Creek at..... 342, 344
  Carroll Creek near..... 342
  Dry Creek near..... 346
  Hamner Creek near..... 344
  North River near..... 346
  Pole Bridge Creek near..... 344
  Tierce Creek near..... 344
  Turkey Creek near..... 346
Lakes and reservoirs:
    Allatoona Reservoir..... 173
    Guntersville Lake..... 193
    H. Neely Henry Reservoir..... 173
    Jordan Lake..... 174
    Lake Martin..... 174
    Lake Tuscaloosa at dam..... 345
    Lake Tuscaloosa at Hilltop Estates
        landing..... 342
    Lay Lake..... 173
    Lewis Smith Reservoir..... 174
    Logan Martin Reservoir..... 173
    Mitchell Lake..... 173
    Weiss Reservoir..... 173
    Wheeler Lake..... 193
    Wilson Lake..... 193
Land surface datum, definition of..... 6
Lay Lake..... 173
Lewis Smith Reservoir..... 174
Lexington, West Fork Anderson Creek near... 223
Lightsey Pond Spring near Centreville..... 225
Lily Flagg, Aldridge Creek near..... 321
Limestone Creek near Athens..... 220
  near Monroeville..... 225
Lincoln, Choccolocco Creek at Jackson
    Shoals near..... 202
Linden, Chickasaw Bogue near..... 166, 307
Linn Crossing, Fivemile Creek at..... 222
Little Bear Creek near Halltown..... 191, 352
Little Limestone Creek near Toney..... 230
Little Paint Rock River at Hebron..... 227
Little River (tributary to Alabama River)
    near Uriah..... 126, 335
Little River (tributary to Coosa River)
    near Blue Pond..... 68. 333
Livingston, Sucarnoochee River at..... 165, 306
Locust Fork at Sayre..... 142, 298
  near Cleveland..... 140, 340
Logan Martin Reservoir..... 173
Lowndesboro, Big Swamp Creek near..... 271
Loxley, Styx River near..... 221
Luxapallila Creek at Steens, Miss..... 128

Madison, Indian Creek near..... 217, 348-350
Majors Creek near Tensaw..... 222
Map of Alabama showing location of gaging
    stations in Alabama..... X
  location of low-flow partial-record
    stations..... 194
  location of water-quality stations..... XIII
  physiographic regions and location of
    observation wells..... XVI
Marion Junction, Cahaba River near..... 114, 335
Maysville, Boiling Spring near..... 348-350

Page
McCreary Spring near Dixie..... 224
McCullars Spring near Alexandria..... 195
McDonnel Creek at Huntsville..... 230
McKenzie, Sepulga River near..... 58, 332
Mean discharge, definition of..... 5
Measuring point, definition of..... 6
Melvin, Billis Creek near..... 223
Meridianville, Beaverdam Creek near.....196, 348-350
Brier Fork Flint River above Beaverdam Creek near..... 348-350
Meridianville Spring at Meridianville..... 228
Micrograms per litre, definition of..... 6
Midway, Bluff Creek near..... 221
Milligrams per litre, definition of..... 6
Milstead, Tallapoosa River at..... 91
Minter, Cedar Creek at..... 117, 335
Mitchell Lake..... 173
Mobile, Montlimar Creek at U.S. Highway 90 at..... 176, 347
Mobile River basin, crest-stage partial-record stations in..... 221
discharge measurements at miscellaneous sites in..... 225
flood-hydrograph partial-record stations in..... 199
gaging station records in..... 66
low-flow partial-record stations in..... 195
reservoirs in..... 173
water-quality records in..... 246
Monroeville, Alabama River at Claiborne lock and dam near..... 122
Montgomery, Alabama River at..... 95
Alabama River near..... 98, 265
Catoma Creek near..... 102, 270
Hannon Slough at Bear School at..... 205
Tallapoosa River near..... 93, 328
Three Mile Branch at Biltmore Avenue at... 204
Montlimar Creek at U.S. Highway 90 at Mobile..... 176, 347
Moores Branch near Victoria..... 198
Morris Branch near Toney..... 214
Morris, Turkey Creek at..... 141, 340
Mount Carmel, Flint River near..... 320
Mountain Fork near New Market..... 227, 348-350
Mud Creek near Fernbank..... 222
Mulberry Creek at Jones..... 106, 334
Mulberry Fork at Cordova..... 137
near Garden City..... 135, 295
Murder Creek at Brewton..... 224
at Kirkland..... 63, 332
near Evergreen..... 62, 241

Nances Creek near White Plains..... 221
National stream-quality accounting network, definition of..... 9
Networks, special and programs..... 9
New Hope, Paint Rock River near..... 348-350
New Market, Hurricane Creek near..... 348-350
Mountain Fork near..... 348-350
Watercress Spring near..... 348-350
Newton, Choctawhatchee River near..... 41, 232
North River near Lake Tuscaloosa..... 346
near Samantha..... 153, 300
Northport, Black Warrior River at..... 154, 302
Noxubee River near Geiger..... 130, 336
Numbering system for wells and miscellaneous sites..... 12

Oak Grove, Valley Creek near..... 222, 299
Oakman, Black Branch near..... 339
Observation well, definition of..... 6
Opossum Creek near Rutledge Springs..... 341
Organism, definition of..... 6
Owens Cross Roads, Flint River near..... 348-350
Ozark, Judy Creek near..... 221

Paint Rock River at Butler Mill near Woodville..... 227, 348-350
near New Hope..... 227, 348-350
near Woodville..... 180, 347
Panther Creek near Hacoda..... 50, 331
Partial-record station, definition of..... 7
Particle size, definition of..... 7

Page
Particle-size classification..... 7
Paterson Creek near Central..... 80, 334
Patsaliga Creek near Brantley..... 54, 332
Pea River at Elba..... 47, 224
near Ariton..... 197, 235
near Samson..... 224
Penny Spring near Pinson..... 195
Percent composition, definition of..... 8
Perdido River at Barrineau Park, Fla..... 65, 243
Pesticide program, definition of..... 10
Pesticides, definition of..... 10
Phillips Spring near Hammondville..... 196
Phytoplankton, definition of..... 8
Pickensville, Coal Fire Creek near..... 129, 335
Pine Haven Ditch at Huntsville..... 218
Pinson, Penny Spring near..... 195
Plankton, definition of..... 8
Pleasant Site, Cedar Creek near..... 190, 352
Plevna, Hester Creek near..... 348-350
Walker Branch near..... 211
Pole Bridge Creek near Lake Tuscaloosa..... 344
Posey Mill, Bear Creek at..... 223
Priceville, Cave Spring near..... 196
Proctor Creek near Rockford..... 221
Prospect, Tenn., Elk River near..... 184

Radiochemical program, definition of..... 10
Radioisotopes, definition of..... 10
Red Bay, Bear Creek near..... 189, 352
References, selected..... 29
Reservoirs: See Lakes and reservoirs.
Rhodesville, Rock Spring near..... 196
River Falls, Conecuh River at..... 55
Robinsonville, Sizemore Creek near..... 221
Robinwood Spring at Robinwood..... 195
Rock Spring near Rhodesville..... 196
Rockford, Hatchet Creek near..... 79, 254
Proctor Creek near..... 221
Rogersville, Blowing Springs near..... 196
Rome, Ga., Coosa River near..... 66
Runoff in inches, definition of..... 8
Rutledge Springs, Opossum Creek near..... 341

Safford, Caine Creek near..... 206
Samantha, North River near..... 153, 300
Sandy Creek near Centreville..... 222
Satilpa Creek near Coffeeville..... 171, 341
Sawyerville, Black Warrior River at Warrior lock near..... 158
Sayre, Locust Fork at..... 142, 298
Scott Branch near Hebron..... 227
Sediment, definition of..... 8
Selected references..... 29
Selma, Alabama River at..... 107, 272
Sepulga River near McKenzie..... 58. 332
Seven Springs Creek near Angel..... 195
Shades Creek near Greenwood..... 110, 273
Shoal Creek at Iron City, Tenn..... 186
Sims Chapel, Bates Creek near..... 223
Sipsey Fork near Grayson..... 136, 296
Sipsey River near Fayette..... 225
Sizemore Creek near Robinsonville..... 221
Snodgrass Spring near Fort Payne..... 353
Sodium adsorption ratio, definition of..... 8
Solute, definition of..... 9
South Fork Cowikee Creek near Batesville... 39, 331
South Pittsburg, Tenn., Tennessee River at. 178
Special networks and programs..... 9
Specific conductance, definition of..... 9
Spencer Hill, Blue Creek near..... 341
Stabler Spring near Midway..... 224
Stage-discharge relation, definition of.... 9
Stallings Creek near Greenville..... 221
Steens, Miss., Luxapallila Creek at..... 128
Steger Spring near Hazel Green..... 228
Stephens Creek near Eutaw..... 226
Stevenson, Brown Spring near..... 196
Straight Ditch at Huntsville..... 215
Styx River near Loxley..... 221
Sucarnoochee River at Livingston..... 165, 306
Sulligent, Buttahatchee River near..... 210
Summerville, Ga., Chattooga River at..... 67
Surface-water data, explanation of..... 12

Page

Suspended sediment, definition of..... 8
Suspended-sediment concentration, definition of..... 8
Suspended-sediment discharge, definition of. 8
Sweetwater, Horse Creek near..... 223
Swift Creek near Vida..... 222

Talladega, Cheaha Creek near..... 221
Tallapoosa River at Milstead..... 91
at Wadley..... 86, 334
below Tallassee..... 89, 262
near Heflin..... 85, 334
near Montgomery..... 93, 328
Tallassee, Tallapoosa River below..... 89, 262
Tallasseehatchee Spring near Sycamore..... 225
Tennessee River at Decatur..... 323
at Florence..... 187, 325
at pump station near Huntsville..... 330
at South Pittsburg, Tenn..... 178
at Whitesburg..... 182
Tennessee River basin, crest-stage partial-record stations in..... 223
discharge measurements at miscellaneous sites in..... 227
flood-hydrograph partial-record stations in..... 211
gaging-station records in..... 178
low-flow partial-record stations in..... 196
reservoirs in..... 193
water-quality records in..... 317
Tensaw, Majors Creek near..... 222
Terms, definition of..... 3
Terrapin Creek at Ellisville..... 200
Thermograph, definition of..... 9
Three Mile Branch at Biltmore Avenue at Montgomery..... 204
Tierce Creek near Lake Tuscaloosa..... 344
Tombigbee River at Coffeeville lock and dam near Coffeeville..... 167
at Columbus, Miss..... 127
at Demopolis lock and dam near Coatopa.... 161
at Gainesville..... 132, 289
below Coffeeville lock and dam near Coffeeville..... 168, 308
near Cochrane..... 131, 285
Toney, Morris Branch near..... 214
Tons per day, definition of..... 9
Total coliform bacteria, definition of..... 3
Town Creek near Geraldine..... 179, 347
Tremble Creek near New Hope..... 227

Page

Triana, Barren Fork Creek near..... 351
Troy, Indian Creek near..... 52, 236
Tuckabum Creek near Butler..... 223
Turkey Creek (tributary to Alabama River) at Kimbrough..... 121, 277
Turkey Creek (tributary to Locust Fork) at Morris..... 141, 340
Turkey Creek (tributary to North River) near Lake Tuscaloosa..... 346
Tuscaloosa, Black Warrior River at Oliver lock and dam at..... 155
Lake Tuscaloosa at dam near..... 345
Tuskegee, Uphapee Creek near..... 90, 264

Uchee Creek near Fort Mitchell..... 38, 331
Uphapee Creek near Tuskegee..... 90. 264
Uriah, Little River near..... 126, 335

Valley Creek near Bessemer..... 341
near Oak Grove..... 222, 299
Valley Head, Allen Spring near..... 195
Verbena, Coosa River near..... 255
Victoria, Moores Branch near..... 198
Vida, Swift Creek near..... 222
Village Creek near Adamsville..... 144, 340
near Birmingham..... 225

Wadley, Tallapoosa River at..... 86, 334
Walker Branch near Plevna..... 211
Walker Springs, East Bassett Creek at..... 223
Water-quality data, explanation of..... 18
Watercress Spring near New Market..... 348-350
Waxahatchee Creek near Columbiana..... 221
Wedowee Creek near Wedowee..... 222
Weiss Reservoir..... 173
West Fork Anderson Creek near Lexington..... 223
West Point, Ga., Chattahoochee River at..... 36
Wetumpka, Coosa River at..... 82
Coosa River at Jordan Dam near..... 81, 261
Wheeler Lake..... 193
Wheeler Spring at Wheeler..... 196
White Creek near Eutaw..... 226
White Plains, Nances Creek near..... 221
Whitesburg, Tennessee River at..... 182
Wilson Lake..... 193
Woodville, Paint Rock River at Butler Mill near..... 348-350
Paint Rock River near..... 180, 347
WRD, definition of..... 9
WSP, definition of..... 9

CALENDAR FOR WATER YEAR 1975

1974

OCTOBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NOVEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

DECEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1975

JANUARY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

FEBRUARY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

MARCH

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

APRIL

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

MAY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JUNE

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

JULY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

AUGUST

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

SEPTEMBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

U.S. DEPARTMENT OF THE INTERIOR
Geological Survey
P.O. Box V
University, AL 35486

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

POSTAGE A
U.S. DEPARTMEN
IN

UNIVERSITY OF ILLINOIS-URBANA
3 0112 098319152